

[1]

Chuor
San Cristobal } Jan through Sept. 6
Titicaya } 1937
Lucashaca
San Jacinto }

Palmar

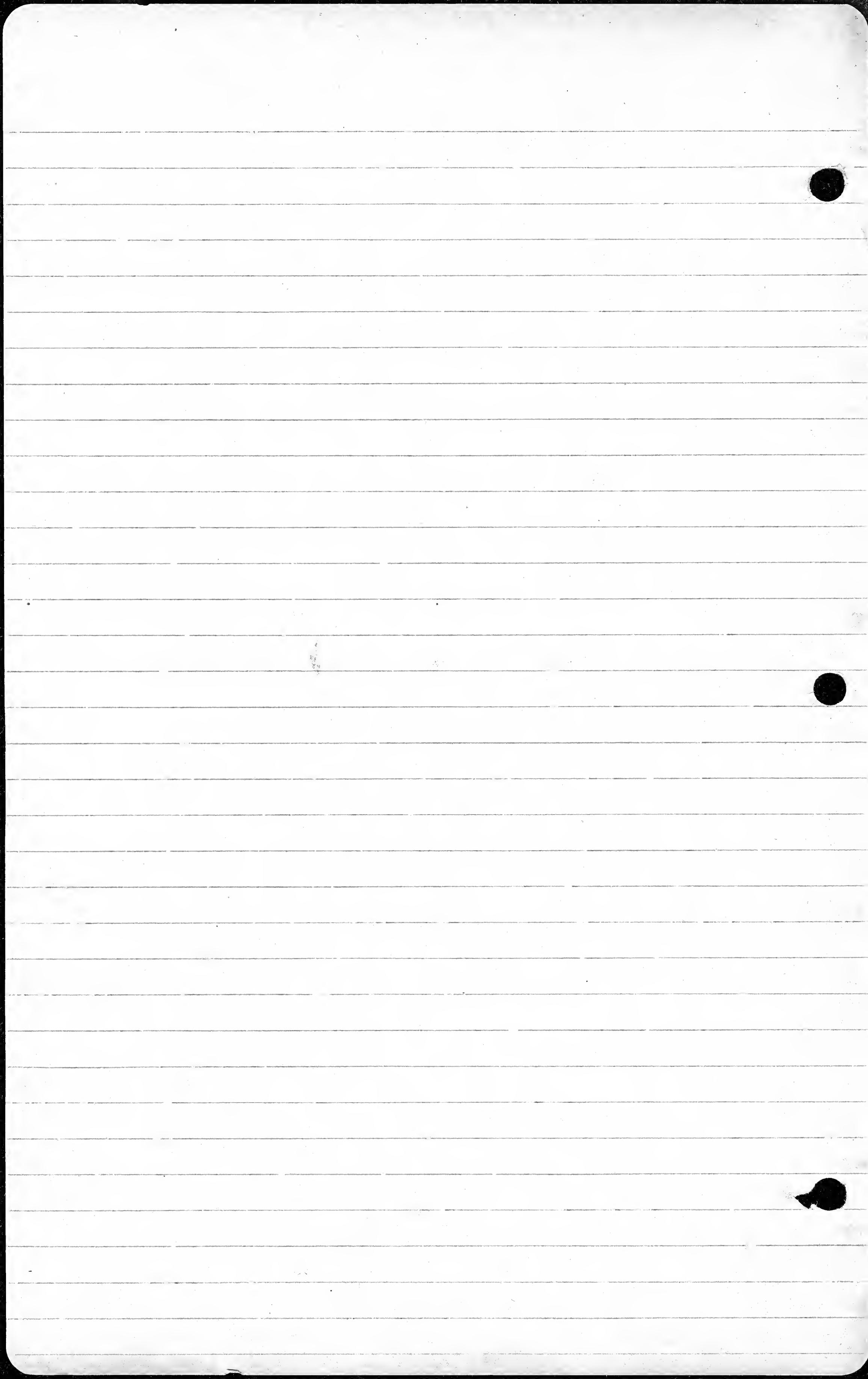
Toda Santa

13702 ~~to~~ 15638

3rd Bolivian Expedition
1937-8

MacCurdy Jr.

1st Part



Dpto. Cundinamarca Año de 1934

X [2]

Chros dia de Guadalupe

13702 *Gyanoligea vividi-cyanea* 289 ♀
fragments of adult collar black & purple

13703 ✓ " " " 398 ♂
brown | black | black

13704 *Cacicus chrysostomus* 265 ♀
pale blue | pale green blue, ridge yellowish | black

13705 *Ampelion rubrocristata* 215 ♀
brown red | bluish plus tanally, tip black | black

13706 *Ochthoeca v. respectabilis* 122 ♀
brown | black | black

13707 *Aglaeactis pamela* 121 ♀ *
black | black
white dots on anterior abdominal segments

Chros 4 Cúcuta

13708 *Aglaeactis pamela* 109 ♂.
Pico Paus of the negro

13709 *Metallura americana* 95 ♂
black | black

13710 ✓ " " 104 ♂

13711 ✓ *Troglodytes musculus pona* 114 ♂
brown | black, bluish black below | brown below

13712 ✓ *Mecocerculus leucophaeus* 142 ♂
brown | black | black

✓ 13713 *Mecocerculus leucophrys* 146 ♂
brown black black

✓ 13714 *Atlapetes rufigularis*

13714 *Picus nigricollis* 1.75 ♀

✓ 13715 " " " 173 ♂

✓ 13716 *Saltator surantirosstris boliviensis*

13716 *Piescolox mazatlanus* 225 ♂
Parry 225 ♂

Verdins

✓ 13717 *Myiotheretes s. striaticollis*

13717 *Picus gris* Picus Pintado 225 ♂

Chats & Gruers

✓ 13718 *Spizotornis parvus aequatorialis* 1.5 ♂
Pilas i Pintado negro

✓ 13719 *Helianthea voliter* 146 ♂ *

Picus nigrus

✓ 13720 *Mecocerculus leucophrys* 150 ♂
Pies i Pintado negro

✓ 13721 *Tangara vassori atricoronata* 135 ♀

✓ 13721 *Pintado* (bill black, leaden below)

✓ 13722 " " " 135 ♀

✓ 13723 *Haemignathus longilata igniventer* 173 ♂ *

✓ 13723 *Picus Pintado negro*

✓

[3]

134911 ✓ 13723

1748

n n n

13425 ✓

n n n

1798

13426 *Ampelio rubri-ristata*

252.0

open feathers | black flesh tanally tip black | black

13427 *Buthraupis montana*

212.9

tip contracts | black | black

13428 *Turdus chiguanco gothacana*

306 ♀

Pico contracts | pink | white | tip black

short tail13429 ✓ *Metallura senicauda*

102.9

black | black

13430 ✓ *Meleagris l. leucophrys*

135 ♀

brown | black | black

13431 ✓ *Coracopsis ferrugineiventris*

135.8

brown | black | black

13432 ✓ *Margarornis s. squamigerus*

153.8

brown | black, flesh tan | leaden

13433 ✓ *Myiotheretes melanophrys* bel.

135.8

brown | black | black

13434 ✓ *Ochthoeca r. rufopectoralis*

132.8

brown | black | black

X

✓

13735 *Margarornis s.squamiger* 144 \$
brown | black, flesh below | leaden
Chiriquí 10.6.1961

✓

13736 *Nothoprocta o.ornata* (M) 355 \$

13737 ✓ *Spiziformis parvirostris* 102 \$
yellow | black | black

13738 ✓ *Conirostrum* ? 115 \$
brown | black | black

13739 ✓ *Schizoeaca hartlaubi* 167 \$
brown | black, flesh below brownish | leaden

13740 ✓ *Basileuterus signatus flavovirens* 136 \$
brown | black | yellowish brown

13741 ✓ *Myiobaris melancephala* 142 \$
brown | black | black

13742 ✓ *Diglossa carbonaria* 137 \$
brown | black, pale below | black

13743 ✓ *Psospiza hypochondriaca* 166 \$
brown | black, brown below | blackish

13744 ✓ *Anthus rufulus* 153 \$
brown | black, flesh below brownish | flesh

13745 ✓ *Alticetes rufinucha* 175 \$
brown | black | black

13746 ✓ *Buarremon t. toledoi* 190 \$
brown | black | leaden

X

[4]

13747 *Saltator aurant. boliviensis* 226 ♂
 brown (orange-red) | leaden

13748 *Bothraupis m. montana* 228 ♂
 brown | black, black below | black

13749 ✓ *Psilopsiagon orbignyi* (M) 180 ♀
 brown | leaden blue, black below | brown black

Sanerito, 12 km. above 2,900 P.

13750 ✓ *Andigena cavaillata* 133 ♀
 brown | olive green broadly, black apically

13751 ✓ Squirrel 455 ♀

13752 ✓ *Andigena cavaillata* 648 ♀

13753 ✓ *Falco sparverius* 284 ♀
 brown | leaden blue broadly black apically | orange

13754 ✓ *Trogonurus personatus* 283 ♂
 brown | yellow | brown

13755 *Pipreola arcuata* 946 ♂
 yellow | crimson | scarlet

13756 ✓ *Xiphocolaptes prom. lineatus* 308 ♂
 brown | leaden blue | leaden

X

13457 ✓ *Compsacoma flavinucha* 185 ♂
 brown \ black \ black

13458 ✓ " " " 188 ♂

13459 ✓ " " " 188 ♂

13460 ✓ *Pseudocolaptes boissieri* 204 ♀
 brown \ black; pink usually below \ leaden

13461 ✓ *Margarornis s. squamiger* 169 ♀
 brown \ black, pink below \ leaden

13462 ✓ *Poospiza t. torquata* 139 ♂
 brown \ black, some blue below \ blackish

13463 ✓ *Helianthus voliflor* 149 ♀
Labels ^{black, pink} written to here

short (2 time)

13464 ✓ *Pseudocolopteryx acutipennis* 106 ♂
 brown \ black \ black

13465 ✓ " " " 116 ♂

13466 ✓ " " " 183 ♂

13467 ✓ *Thlypopsis roticeps* 124
 brown \ black, leaden below \ leaden

X

5

13468 ✓ *Aglaiactis pamela* 1493
black black

13469 ✓ *Anthus australis* 1493
brown black, black below | dark pink

13470 ✓ *Pheucticus ludovicianus* 916♂
brown black | leaden
chart 13 brown

13471 ✓ *Diglossa carbonaria* 185♀
brown | black, pale below | pink

13472 ✓ *Poospiza hypochondria* 151♂
brown | black, pale below | black

13473 ✓ *Pseudocolaptes bidentatus* 918♂
brown | black, pink below variably | leaden

13474 ✓ *Cyanoloxia viridicyanoa* 383♂
yellow | black | black

chart 14 Enero

13475 *Cyanoloxia viridicyanoa* 290♀

13476 ✓ *Tyranniscus niveigularis* 12♂
brown | black | black | leaden

13477 ✓ *Diglossa carbonaria* 135♂
brown | black, pale below | black

13478 ✓ 11 11 11 11 1348

X

13749 ✓ same as 7271-8 1375

13780 *Buttercupis* *non-montana* 218 ♀
brown | black, pink at base below | black

13781 ✓ *Falso sparverius* 290 ♀
brown | leaden blue basally; black tip | yellow

13782 *Chrysoptilis* *non-melanostoma* 313 ♂
yellow black | leaden

13783 ✓ " " " 304 ♀

13784 ✓ *Spinus olivaceus* 125 ♂
brown | black, some blue below | black

13785 ✓ " " " 125 ♀

13786 ✓ " " " " 129 ♀

13787 ✓ " " " " 128 ♀

13788 ✓ " " " " 129 ♀

13789 ✓ " " " " 123 ♀

13790 ✓ *scytalopus* *non-yp.* 108 ♀
brown | black | brown brown

Chros 15 Evers

13791 ✓ *Sayornis nigricans* sp. 102 ♂
brown (black) brown brown

13792 ✓ *Spodornis jardini* 105 ♂
brown (black, dark brown below) dark brown

13793 ✓ *Coracina ferrugineiventer* 126 ♂
brown (black) black black

13794 ✓ n. n. n. 120 ♀

13795 ✓ *Catamenia analis* 128 ♂
brown (yellow) leaden black

13796 ✓ *Tyrannus melancholicus* 112
brown (black, pale at base below) leaden

13797 ✓ *Ochthoeca leucophrys* 143 ♂
brown (black) black

13798 ✓ *Anthos reichenowi* (?) 159 ♂
brown (black, black below black) yellow

13799 ✓ *Zonotrichia capensis* 106 ♀
brown (black, brown blue below) dusky brown

13800 ✓ *Somplex a. ruficola* 303 ♀
yellow (black) leaden
Chros 16

X

13801 ✓ *Aglaeactis pamela*

brown (black) black

1058

13802 ✓ *Coelirostrum* — sp.

brown (black) black

1208

13803 ✓ *Diglossa carbonaria*

brown red (black) black

1443

13804 ✓ *Chrysoptilus m. melanolaema*

305♂

= No. 843. ~~Pileum~~ black brown blackish; wings & tail black; crest ^{feathers} all tipped with buff; heart slate gray, throat only, belly whitish

13805 ✓ " " "

2949

Samnitobilia? Juvenil? Nest

13806 ✓ *Chlorospingus ophal. fulviginosus* 140 ♂

white (black) leaden

13807 ✓ *Poospiza t. torquata* ♀ 121

brown (black) brown below (black)

13808 ✓ *Canioleuca albiceps discolor* ♂ 142

brown (black) leaden below (black)

13809 ✓ *Buamemon Torquatus* ♀ 1183

brown (black) blackish

13810 ✓ *Pipreola intermedia signata* ♀ 203

brown (brown) scarlet

?

X

13822 ✓ *Compsocoma Flavivucha* ♀ 179
 brown (black, pale at base below) black

13823 ✓ *Pseudocolaptes boissonneauti* ♀ 204
 brown (black, flesh below mesially) leaden

13824 ✓ *Turdus g. serranus* ~~Imm 244~~
 brown (brownish black) blackish brown
Same individual as 13822

13825 ✓ *Metallura senicauda* (?) ♀ 112
 black (black)

13826 ✓ *Neocossyphus leucophrys boliviensis* ♀ 103
 brown (black, flesh below mesially) leaden black

13827 ✓ *Macocerculus l. leucophrys* ♀ 146
 brown (black) black

13828 ✓ *Conirostrum lugens* ♂ 129
 brown (black) black

13829 ✓ *Spodiornis jardini* ♂ 135
 brown (blackish) dark brown

13830 ✓ *Tanagras varonii atricoronata* ♀ 142
 brown (black, leaden below) leaden

13831 ✓ *Compsocoma Flavivucha* ♂ 177
 brown (black) black

13832 ✓ *Lepidocolaptes leucogaster boliviensis* ♂ 209
 brown (pale brown) leaden

13833 ✓ *Pseudocolaptes boissonneautii* ♂ 209
brown \ black, flesh below variably leaden

13834 ✓ *Xiphocolaptes promeropirhynchus* ♀ 306
brown \ dark leaden \ leaden

13835 ✓ *Cyanolyca r. viridicyana* ♂ 319
yellow \ black \ black

13836 ✓ " " " ♀ 310

13837 ✓ *Pionus tumultuosa* (M) ♀ 255
brown \ yellow \ leaden

Sierristotal Dogon Eme

13838 ✓ *Trochilus s. solstitialis* ♀ 107
brown \ black, flesh below variably (darkly) brown

13839 ✓ " " " " ♀ 108

13840 ✓ *Pyrrhura c. chlorura meumea* 109 ♀
brown \ black \ black

13841 ✓ *Ochthoeca jelskii boliviensis* 130 ♂

13842 ✓ *Diglossa cyanea melanotos* 150 ♂
red \ black \ black

(red on sides of neck)

+

13843 ✓ *Myiochanes* ? ♂ 170
 brown \ black, brown below \ black
 (dors. undr. 804)

13844 ✓ *Veniliornis nigriceps* ♀ 199
 brown \ blackish, brown blue below \ leaden

13845 *Thraupis cyanotis* ♂ 208
 brown \ black, pale at base below \ leaden

13846 ✓ *Pyrrhura molinae* ♀ (M) 268
 brown \ black \ black.

13847 ✓ *Trogonurus personatus* ♂ 266
 brown \ dusky yellow \ brown

13848 ✓ " " " ♀ 281
 \ dusky yellow, base of wedge black \ brown

13849 *Bothraupis m. montana* ♂ 227
 brown \ black, flesh below mostly \ black.

13850 ✓ *Pipreola arcuata* ♂ 244
 brown \ crimson \ scarlet

Santafito (Pin 25 June)

13851 ✓ *Mecocerculus hemimayri* ♂ 110
 brown \ black, pinkish base \ black

13852 ✓ *Conirostrum lugens* ♀ 195
 brown (black) black

13853 ✓ *Pyrrhomyias c. cinnamomea* ♂ 136
 brown \ b \ b

X

[9]

✓ 13854 *Scytalopus* sp. ♂ 119
brown (black) brown brown

✓ 13855 *Poospiza torquata* ♀ 195
brown (black, pale brown below) brown blue

✓ 13856 *Chlorospingus ornatus fulv.* ♀ 162
brown (black, pale below) leaden

✓ 13857 *Deothraupis castaneoventris* ♂ 162
brown (black, pale below) leaden black

✓ 13858 *Thraupophilus aspersiventer* ♂ 160
brown (black) leaden

✓ 13859 *Bairdiella torquata* ♀ 192
brown (black) leaden black

✓ 13860 *Pipilo intermedia signata* ♂ 204
brown (brown) streaked

✓ 13861 *Ochthoeca fuscovaria* ♀ 196
brown (black) black

✓ 13862 *Leptoptila verreauxi dec.* ♀ 300
yellow (black) pink black

✓ 13863 *Autostichus caeruleicinctus* ♂ 136
brown (dark leaden, tip pale) leaden

✓ 13864 *Penelope superciliaris* ♀ 555
brown (blackish, tip pale) pink black

End of fifth day, 210 birds

X

San Cristobal, Jan 26

13865 *Cranioleuca albiceps discolor* ♂ 145
brown | black, flesh below | leaden

13866 *Chlorospingus oph. fulv.* ♂ 149
white | black | leaden blue

13867 " " " " ♂ 141

13868 *Spodiornis jardini* ♀ 130
brown | black, brownish below | blackish

13869 " " " " ♀ 139

13870 *Thraupis cyanoscephala* ♂ 193
brown | black, leaden below | leaden

13871 *Pheucticus avioventris* ♂ 935
brown | black | leaden

13872 *Glaucomastix jardini* ♀ 186
yellow | black, tips pale | blackish

13873 *Leptoptila verr. dec.* ♂ 294
yellow | black | black

San Cristobal Jan 27

13874 *Synallaxis a. azarae* ♂ 165
brown | black, pale blue below mainly | leaden

X

50

3875 *Tangara vassorii stricaerulea* ♂ 143
brown black, leaden below (leadene)

3876 *Camposcoma flavipectus* ♂ 185
brown (b), leaden below (leaden)

3877 *Turdus s. savannus* Jan 262
brown (b) brownish black

3878 ✓ " " " from 955
— (b) —

3879 *Chrysophylax m. melanotis* ♂ 289
brown black (leadene)

3880 *Odontophorus bairdii* ♂ 291
brown brown black

3881 ✓ " " " ♀ 969

3882 ✓ " " " (M) ♂ 283

Sinclairia luciae 28. June

3883. ✓ *Metallura oeneicauda* ♀ 95
all dor

3884. ✓ *Mecocerculus hellmayri* ♀ 111

3885 ✓ *Trochocercus solstitialis* ♂ 101
brown (b, flesh below) dark brown

✓ 13886 *Trochocercus constitutus* ♀ 116
nupurana X

✓ 13887 *Porphyrio porphyrio* ♂ 125
brown (black, horn blue below) black

✓ 13888 *Hemicorhina leucophrys* ♀ 115
brown (b) b)

✓ 13889 " " " ♂ 119

✓ 13890 *Tangara vassorii atricorvula* (?) ♂ juv 115
brown (b, flesh below) leaden

✓ 13891 *Thamnophilus ruficapillus subfasciatus* ♂ 169
brown (black, leaden below mostly) leaden blue

✓ 13892 " " " ♂ 169

✓ 13893 " *asperriventer* ♀ 151
brown (black, leaden below) leaden blue

✓ 13894 " black " ♂ 155

✓ 13895 " " " ♂ 156

✓ 13896 *Diglossa cyanea melanopsis* ♂ 158
red (b) do

✓ 13897 *Myiochanes* — ♂ 187

X

[11]

13892 *Heliococcyx leucophaeus* (Lacrym. bol.) ♀ 212
 pale horn blue) leaden

13899 *Heliococcyx leucophaeus caeruleicinctus* (Sp.) 317
 brown (blackish, pale yellow brown) leaden

Snowy-bellied 30 Eng.

13900 *Ostindops decumanus* macr. ♂ 450
 blue) yellowish pea green (black

13901 *Spaglodryas s. solstitialis* ♀ 18
 brown (black, flesh yellow) dark brown

13902 *Diglossa cyannea melanopsis* ♂ 169
 red (b) b

13903 *Compsocoma flavivirens* ♂ 176
 brown (b, leaden yellow) black

13904 *Leptoptila verreauxi* dec ♂ 307
 yellow (black) black

Ris. testim. al. Toma dissimil (subcipientes)
 circumdata dia montes 2 ab 2000 m

13905 *Colibri isotata* ♂ 145
 black (b)

13906 *Catamenia analis* ♂ 130
 brown (yellow) b

X

13907 ✓ *Poospiza hypochondriaca* ♀ 170
brown | b, flesh below | blackish

13908 ✓ *Asthenes d. d'orbignyi* ♀ 140
brown | b, flesh below | black

13909 ✓ *Molothrus semibadius bolivi.* ♂ 190
brown | b | b

13910 ✓ *Furnarius rufus commersoni* ♂ 204
brown | b; flesh at base below | brownish black

13911 ✓ " " " ♂ 206

13912 ✓ *Phytotoma rutilis angustif.* ♂ 205
yellow | b; pale brown below | b.

13913 ✓ " " " ♂ 190

13914 ✓ *Pitangus sulphuratus bol.* (?) 270
brown | b | b

13915 ✓ *Molothrus badius bolivi.* ♀ 190
brown | b | b

Rio Tintimayo 2 miles S Marzo

13916 ✓ *Phrygilus gayi atriceps* ♂ 170
brown | black, pale brown below | b

13917 ✓ " " " ♂ 1590

X

[12]

13918 ✓ *Sappho phaeon* ♂ 150
 black (b)

13919 ✓ *Colibri solata* ♂ 150
 b (b)

13920 ✓ " " ♂ 150

13921 ✓ *Patagona gigas* ♀ 913
 b (b)

13922 ✓ *Zonotrichia capensis* ♂ 149
 brown (b); pale brown below breast brown here

13923 ✓ *Thraupis sayaca* ♂ 187
 brown (b), leaden blue below leaden

13924 ✓ *Saltator aurantirostris* Sol fmi 204
 brown (black) yellow & below leaden

13925 ✓ *Embernagra olivacea* ♂ 215
 brown (orange, ridge black) pale brown down

13926 ✓ " " ♀ 217

13927 ✓ *Zenaida auriculata* (?) 260
 yellow (b) pink above

Rio Tintimayo Jueves 4 Marzo

13928 ✓ *Colibri solata* ♀ 133
 b (b)

X

13929 *Patagona gigas*

b) b

♀ 199

13930 *Spirus olivaceos*

brown (b), yellowish brown below breast) b

♂ 129

13931 *Sicalus pelzelni*

brown (b, flesh below) brownish black

♂ 138

13932 *Ochthoeca l. leucophrys*

brown (b) b.

♀ 146

13933 *Sicalis luteocapilla*

brown (black, leaden) brown (blackish)

♂ 147

13934 " *O. olivascens*

brown (black, pale brown below) brown brown

♂ 145

13935 *Upucerthia andicola*

brown (b, bluish flesh below breast) leaden

(?) 180

13936 *Amorphosittaca aymara*

brown (flesh, dusky at base above) blackish

♂ 905

13937 *Phytotoma rutila angust.*

brown (b); pale brown below) blackish

♂ 907

13938 *Rhytipternia ceciliae gymnopis*

orange (b) flesh

♂ 215

13939 "

n

n

n

♀ 118

X

[63]

3940 ✓ *Molothrus badius* bol. ♂ 207
 brown (b) bl

3941 ✓ *Eurynome rufus* com monson ♀ 205
 brown (b; bluish below) black

3942 ✓ *Agriornis montana* ♂ imm 249
 brown (black, pale below) black

Pistolaria, also Vireos 5 years ago

3943 ✓ *Spiziphorus f. flavirostris* (♀) 114
 yellow black, yellow pale below, tip black (b.)

3944 ✓ *Psiliopsaigen orbignyi* ♂ 188
 brown (yellowish pale) black

3945 ✓ " " " ♂ 191

3946 ✓ " " " ♂ 186

3947 ✓ *Thraupis sayaca* ♂ 183
 brown (black, leaden blue below) leaden

3948 ✓ *Molothrus badius* bol. — ♀ 187
 brown (b) bl

3949 ✓ *Embernagra olivacea* ♀ juv 208
 brown (blackish brown below) yellowish brown

3950 ✓ *Pitangus sulphuratus* bol ♀ 245
 brown (b) bl

13951 *Sicalis olivaceus* ♂ 143
brown (black, flesh below) brown brown

Rio Jardimago Pernambuco Mar 22

13952 *Troglodytes musculus rex* ♂ 114
brown (black, flesh below breast) dusky brown

13953 *Zonotrichia capensis* (3) 171
brown (black, whitish flesh below) brown brown

13954 *Saltator aurantivestris bolivi*. ♂ 212
brown (orange red) leaden brown

13955 " " " 905

13956 *Colibri isotata* ♂ 150
b) b)

13957 *Catamenia a. analis* ♀ 136
brown (yellow, dusky above) bl.

13958 *Psospiza hypochondriaca* ♂ 17
brown (black, flesh at base below) black

13959 *Amorpitta ayemara* ♂ 205
brown (flesh) blackish brown

13960 *Turdus chiguanco anthracinus* ♀ 977
brown (orange) yellow

X

[14]

13961 *Saltator rufiventris* ♀ 925
 brown (black, pink below barely) brown brown

13962 *Cinclodes a. atacamensis* ♀ 911
 brown (black) pale at the sides | b.

13963 *Embernagra olivacea* ♂ 217
 brown (orange at, ridge black at base) brown brown

13964 *Phytotoma rutila angustirostris* ♂ 265
 brown (blackish, olive below) ol.

Río Llifimayo: Lunes 8 de octubre

13965 *Phrygilus p. plabeus* ♀ 127
 brown (black, brown blue below) bl.

13966 ✓ 4 " " 18 126

13967 *Spizella olivacea* ♀ 129
 brown (black, pale brown below) b.

13968 ✓ " " 18 129

13969 *Poospiza hypochondriaca* ♂ 155
 brown (black, black pink below barely) brown

13970 *Sicalis olivacea* ♂ 155
 brown (black, black pink below) brown brown

13971 ✓ " " ♀ 47

X

✓ 13972 *Knipolegus a. aterrimus* ♂ 168
brown (blue) white breast, black tip b

✓ 13973 " " " ♂ 168

✓ 13974 *Muscisaxicola rufivortex occipit.* ♀ 191
brown (b) b,

✓ 13975 *Upucerthia andecola* ♂ 192
brown (b, blue flesh below) b

✓ 13976 *Phrygilus fraticolor* Frot. (3) ♂ 199
brown (yellow) brownish flesh

✓ 13977 *Mimus dorsalis* ♀ 255
yellow (b) b

✓ 13978 " " " ♂ 250

Rio Entimayo March 9 1954

✓ 13979 *Turdus f. fuscater* ♂ 280
brown (orange) brownish yellow

13980 " " " ♀ 222

✓ 13981 *Thraupis b. bonariensis* ♂ 189
brown (b, blue below) b.

✓ 13982 *Zenaidura auriculata* ♂ 259
brown (b) blood

X

[15]

13983 ✓ *Zenaida auriculata* ♂ 905

13984 ✓ *Butor poecilochrous* ♂ 644
yellow (b, leaden below) leaden tail

13985 ✓ *Spinus olivaceous* ♂ 125
brown (black, brown blue below) b,

13986 ✓ *Asthenes d. d'orbignyi* ♀ 160
brown (black, flesh at base below) leaden

13987 ✓ *Poospiza hypochondriaca* ♂ 168
brown (b, leaden blue below) b

13988 ✓ *Amazipsittaca aymera* ♀ 191
brown (flesh, dusky at base above) blackish

13989 ✓ *Phytotoma rutilis angust.* ♀ 206
brown (black, leaden below) leaden

13990 ✓ *Haplospizar mustelina* ♂ 239
brown (b) b

Rio Tintimayo 2 miles 10 miles downstream

13991 ✓ *Oreotrochilus adela* ♀ 122
b) b

13992 ✓ *Phragilus plebejus* ♀ 129
brown (b, brown blue below) b

X

✓ 13993 *Idiopsiza inornata* ♂ 145

brown (brown, flesh below) brown brown

✓ 13994 *Anthus rufulus* ♀ 140

brown (b, flesh at base below) flesh

✓ 13995 *Muscisaxicola maculirostris* ♀ 135

brown (b, flesh at base below) b

✓ 13996 *Poospiza hypochondriaca* ♂ 155

brown (b, flesh below) b

✓ 13997 *Asthenes d. d'orbignyi* ♀ 68

brown (b, flesh at base below) brown brown

✓ 13998 *Phrygilus tristis* ♀ 74

brown (b, flesh below) brown brown

✓ 13999 " " " ♀ 189

brown (yellow) —

✓ 14000 " " " ♂ 189

✓ 14001 *Phrygilus alaudinus excelsus* ♂ 168

brown (yellow) yellow flesh

✓ 14002 " " " " ♂ 166

✓ 14003 *Upucerthia andicola* ♀ 90

brown (b, pale below breast) b

✓ 14004 " brown (b, brown below) blackish

✓ 14005 *Geositta rufipennis fasciata* ♀ 170

X

16

✓

14005 *Onemarchus rufipeennis* ♂ 207
brown (b) bl.

14006 ✓ *Metriopelia melanoptera* ♂ 235
brown (b) bl.

14007 ✓ *Lanius serratus* ♂ 499
brown | dark cream | black cream

Guadalupe. Fuerab 8 de Abril.

14008 ✓ *Adelomyia pictata* ♀ 90
white | black

14009 ✓ *Tyrannisus boliviensis* ♀ 112
brown | black, leaden below | leaden

14010 ✓ *Myioborus melanophrys boliviensis* (?) 115
brown | black | black

14011 *Atlapetes melanops* ♀ 177
brown | black | black with black

14012 ✓ " " " ♂ 176

14013 ✓ *Mionectes striaticollis* ♂ 150
brown | black, pale brown below | leaden

14014 ✓ *Veniliornis nigricaps* ♂ 217
brown | black, pale brown blue below | leaden

Introducción a las aves del X

14015 *Macrocerculus hellmayri* ♀ 103
brown (black, pink below) black

14016 *Hemicordulia leucophrys boliviensis* ♀ 105
brown (black) black

(N.M.) 14017 *Microrhynchus striaticollis* ♀ 135
brown black, brown pink below (mostly) leaden

14018 *Chlorospingus ophthalmicus Salvini* ♀ 142
white (black) leaden

14019 " " " ♂ 14th

14020 *Margarornis squamiger* ♂ 165
brown (black) pink below (leaden)

14021 *Atlapetes melanops* ♂ 16
brown (black) leaden black

14022 *Basileuterus signatus flavorivens* ♀ 143
brown (black) yellow
(short yellow supercil. pale green)

14023 *Buteo nattereri* ♀ 317
brown black, cere orange (dirty yellow)

Introducción a las aves del X

14024 *Troglodytes s. solstitialis* ♂ 119
brown black, pink below mostly dark brown

14025 *Tyranniscus boliviensis* ♂ 114
brown black, leaden below black

X

67

14026 ✓ *Basileuterus signatus flavovirens* ♂ 115
 brown (black) dusky yellow

14027 ✓ *Chlorospingus ophthalmicus* fuligin. ♀ 119
 white (black) leaden

14028 ✓ " " " ♂ 116

14029 ✓ *Pachyramphus viridis* ♂ 113
 brown (black) leaden (blue) leaden

14030 ✓ *Craniolæca albipectus discolor* ♂ 115
 brown (black) leaden (blue) black

14031 ✓ *Thamnophilus aspersiventer* ♂ 116
 brown (black) leaden blue

14032 ✓ *Lepidocolaptes leucogaster* both. ♂ 919
 brown (pale) black brown (black) (blue) (blue) (blue)

14033 ✓ *Compsocoma flavinucha* ♂ 119
 brown (black) leaden (blue) (blue) (black)

14034 ✓ " " " " ♂ 118

14035 ✓ " " " " ♂ 118

14036 ✓ " " " " ♂ 118

X

14037 ✓ *Hypoxanthus atriceps* ♂ 217
brown \ black \ leaden

Psacathaea luteostriata Abribi

14038 ✓ *Adelomyia inornata* ♂ 95
black \ black

14039 ✓ *Aglaiaocercus mocoa smaragdinus* ♂ 113
black \ black

14040 ✓ *Mionectes striaticollis* ♀ 115
brown \ black, brownish flesh below breast \ leaden

14041 ✓ *Scytalopus* ? ♂ 119
brown \ black \ brown hairy

14042 ✓ *Tyranniscus boliviensis* ♂ 113
brown \ black, leaden below \ black

14043 ✓ *Chlorospingus ophthalmicus* fulig. - ♂ 114
white \ black \ leaden

14044 ✓ *Thamnophilus aspersiventer* ♂ 160
brown \ black \ leaden

14045 ✓ *Elaenia o. obscura* ♂ 190
brown \ black, flesh below, by black \ black

14046 ✓ " " " ♂ 180

14047 *Uropsalis segmentata* ♀ 915
brown black \ black

14048 *Xanthoura yncas* ♂ 315
yellow \ black \ black

14049 *Ostindops atrovirens* ♂ 412
blue \ pea-green \ black

14050 *Troglodytes s. solstitialis* ♂ 111
brown black, flesh below \ dark brown

14051 *Tyrannus m. melancholicus* ♂ 215
brown black \ black

14052 *Adelomyia inornata* ♂ 90
brown black \ black

14053 *Troglodytes solstitialis* ♀ 112
(see 50)

Specie nova Brasil

14054 *Adelomyia inornata* ♂ 95
(see 52)

14055 *Troglodytes solstitialis* ♀ 112
(see 53)

14056 *Thlypopsis ruficeps* (green back) ♂ 114
brown black back below \ black

14057 *Mecocerculus l. leucophrys* ♂ 119
brown black \ black

14058 *Ochettoeca r. rufipectoralis* ♀ 114
brown | black | black

14059 " " " ♀ 115

14060 *Myioobius melanacephalus* ♀ 119
brown | black | black

14061 " " " ♂ 119

14062 *Zosterops capensis parvirostris* ♀ 116
brown | black, brown below | brown back

14063 *Elaenia a. obscura* ♀ 178
brown | black, dull flesh below | black

14064 *Atlapetes melanops* ♂ 174
brown | black | black

14065 " " " ♂ 174

14066 " " " ♂ 174

14067 *Veniliornis nigriceps* ♀ 179
brown | black, pale flesh flesh below | cinnamon

14068 *Xiphocolaptes promeropirhynchus* (3) 300
brown | blackish, cinnamon below finally | leaden

X

[19]

**

14069 *Circus buffoni* (?)♂ ~~174~~ 474

brown \ black \ orange yellow

of Intercala nitidulus (H. G. Fairf.)

**

14070 *Helianthear inca*

♀ 116

black \ dusky black

14071 *Mecocerculus bellmayri*

♀ 114

brown \ black, pink below (leads)

14072 *Basileuterus tristriatus*

♂ 114

brown \ black, pink below, brownish yellow

14073 " *Siganus lovei* virens

♀ 116

brown (black) brownish yellow

14074 *Chlorospingus ophthalmicus* ~~114~~

♂ 114

white \ pink, golden brown (brown)

14075 *Diglossa caerulescens malanopsis*

♀ 115

red \ black \ black

14076 *Cyanerpes cyaneus discolor*

♀ 115

brown \ black, leaden below (blackish blue)

14077 *Tanagra violacea atrocaerulea*

♂ 114

brown \ black, leaden blue at base (blackish blue)

14078 *Margarornis s. squamigerus*

♂ 116

brown \ black, pink below (blackish brown)

X

14089 *Delothraupis castaneoventris* ♀ 174

brown \ black, leaden below \ blackish leaden

14080 *Trogonurus personatus* ♂ 214

brown \ orange yellow \ dull yellow

14081 *Hippoxanthus atricollis* ♂ 214

brown \ black \ leaden

14082 *Trochilus polytmus* ♀ 119

brown \ black, dark below (especially) dark brown

14083 *Myiochanes lophotes* ♂ 141

brown \ black \ black

14084 *Ochetorhynchus albifrons discolor* ♂ 115

brown \ black, white below (especially) leaden

Trochilus lophotes 15 April

14085 *Ochetorhynchus rotundirostris* ♀ 125

brown \ black \ black

14086 *Metallura melanops* (?) 117

brown \ black \ leaden black

14087 *hepaticola* *lachrymiger* bel. ♀ 218

brown \ blue slate, blackish at base above \ olive leaden

14088 *Xiphocolaptes promeropirhynchus* ♂ 315

brown \ blackish brown, leaden below (especially) leaden

14089 *Trogonurus personatus* ♀ 218

brown \ orange yellow \ dull yellow

16090 *Tyranniscus boliviensis* ♂ 114

brown | black, leaden below | leaden

16091 *Ochthoeca t. thoracica* ♂ 115

brown | black | black

16092 *Henicorhina leucophrys boliviensis* ♂ 112

brown | black | dark brown

16093 *Craniocercus albiceps discolor* ♂ 116

brown | black, blueish blue below | leaden above

16094 *Thraupis cyanoptera* ♂ 204

brown | black, leaden below | leaden

16095 *Thamnophilus aspersiventer* ♂ 115

brown | black | leaden

16096 *Zonotrichia capensis* (Peruv.) ♂ 117

brown | black, whitish brown below | pale olive

16097 *Pyrhura molinae* ♂ 917

brown | black, pale brown below | black

16098 *Xiphocolaptes promeropirhynchus* ♂ 312

brown | leaden brown, near white below | leaden

Specimens collected April

16099 *Basileuterus signatus* ♂ 115

brown | black | brownish yellow

X

14100 ✓ *Tyranniseus b. boliviensis* ♂ 140
 brown) black, leaden below) leaden

14101 ✓ *Colibri cyanotus* ♂ 114
 black) black

14102 ✓ *Thlypopsis ruficeps* (green back) ♂ 180
 brown) black, leaden below) leaden

14103 ✓ *Thraupis cyanoptera* ♀ 119
 brown) black, leaden below) leaden

14104 ✓ *Buazumon t. torquatus* ♂ 190
 brown) black) blackish

14105 ✓ *Vireolanius m. nigriceps* ♂ 944
 brown) black, leaden below) leaden

14106 ✓ " " " " ♂ 200

14107 ✓ " " " " ♂ 198

14108 ✓ " " " " ♂ 200

14109 ✓ *Pitangus sulphuratus boliv.* ♂ 945
 brown) black (black

14110 ✓ *Turdus chiguanco anthracina* ♂ 991
 brown) orange red) orange

X

25

14111 ✓ *Accipiter erythronotus ventralis* ♂ 314
brown (black) yellow

14112 ✓ *Ostrophope atro vires* ♂ 474
blue (yellowish green) black

Greenbacked lizards

14113 ✓ *Adelphomia inornata* ♂ 85
black (black)

14114 ✓ *Chatococca wootonii* ♂ 90
black (black)

14115 ✓ *Vestiges glaucopterus* ♂ 115
black (black)

14116 ✓ *Colias eurytheme* ♂ 112
black (black)

14117 ✓ *Helianthaea inca* ♀ 114
black (brown black)

14118 ✓ *Columbia albifrons* ♀ 391
brown (yellow) black (brown yellow)

14119 ✓ " " ♂ 391

14120 ✓ *Pionopsitta pusilla melanotis* ♀ 944
brown (yellow) white (white) black (black)

✓
Quicachaca, Apr. 19.

14191 Basileuterus nigrocristatus evaphi, ♀ 140
brown (black) brown, brown

14192 Pharemarus antisensis ♂ 366
brown (yellow) brownish yellow

Quicachaca around 20.000 ft

14193 Spindalis olivacea ♀ 112
brown (black), flesh below at base

14194 Idiospiza i. inornata ♀ 130
brown (yellow, flesh below) brown brown

14195 " " " " ♂ 135

14196 Diglossa caerulescens ♀ 145
red-brown (black) black

14197 Turdus serranus ♂ 276
brown (yellow) yellow

Quicachaca around 20.000 ft

14198 Ochthoeca t. thoracica (?) 144
brown (black) black

14199 Pitangus sulphuratus (bol.) ♀ 927
brown (black) black

X

[22]

✓ 14130 *Grallaria erythrotis* ♀ 190
 brown (black) head

✓ 14131 *Pionus tumultuosus* ♂ 988
 brown (olive) yellow black

Guabahua Juvenil

✓ 14132 *Aulacocercus rosaceus* ♂ 146
 brown (black) black

* 14133 ✓ *Spodiornis jordani* ♂ 127
 brown (black) black

✓ 14134 " " " ♀ 135
 brown (brown black) black brown

✓ 14135 *Bucicectorus nigricollis* eup. ♀ 134
 brown (black) brown brown

✓ 14136 *Thlypopsis roticeps* (green back) ♀ 134
 brown (black) brown (brown black) head

✓ 14137 *Micromeces s. striaticollis* ♀ 142
 brown (black) brown (black) black (black) head

✓ 14138 *Endomychus coccineus* ♂ 478
 brown (brown) black (black) black (black) head

✓ 14139 *Penelope s. setifera* ♀ 519
 brown (black) brown (brown) pink (pink)

14740 *Pionopsitta melanotis* ✓
brown (head, tips, white) black.

♂ 255

14741 " " " ♂ 954

14742 " " " (♀) 979

Frechucco *Tilma* 93 abr

14743 *Troglodytes s. solstitialis* ✓ ♂ 109
brown (black, black in front brown in rear)

14744 " " " ♂ 119

14745 *Henicorhina leucophrys* bol. ♂ 111
brown (black, black below) black

14746 *Tyrannus subtilis* ♂ 135
brown (black, brown below) leaden

14747 *Mionectes s. striaticollis* ♂ 160
brown (black, brown, black, black, black) leaden

14748 *Venidris unicolor* ♂ 989
brown (black, black, black, black) leaden

14749 *Pionopsitta m. melanotis* (M) ♂ 250
brown (black, black, black, black) black

14750 *Pionus tenuirostris* ♂ 979
brown (black, black, black, black)

X

14160

14154

106

23

14151 ✓ *Myiochanes lachiniatus* ♂ 144
 brown (black, brown) blue below (green)

14152 ✓ *Pitangua sulphurea* below. ♂ 934
 brown (black) black

14153 ✓ *Basileuterus signatus flavorivens* ♀ 143
 brown (black) (dusky pink)
 (short yellow & green; yellow green)

San Javino 2.000 ft. 24 April altura 6.600

14154 ✓ *Basileuterus coronatus notatus* ♂ 134
 brown (black) (dusky pink)

14155 ✓ " *tristis* " (9) 1/2
 brown (black, black) pale brown below

14156 ✓ *Hemicriculus icterineurus* ♂ 111
 brown (black) (dusky) brown

14157 *Hemicriculus melanurus costaricensis* ♂ 144
 brown (black) dark brown

14158 ✓ *Myiochanes ornatus* ♂ 118
 brown (black, brown) blue below (green)

14159 ✓ *Chlorospingus ophthalmicus* (Lohr) ♂ 130
 white (black) black

14160 *Amazocercilia striaticollis yungae* ♂ 177
 brown (black, blue yellow below) (green)

X

14161 Xanthoeca y. yucae ♀ 312
yellow black leaden

14162 Adelomyia ignorata ♂ 95
black black

14163 Penelope superciliaris albifrons ♂ 565

14164 " " " " " ♀ 575

14165 Phylloscartes ventralis angustirostris ♂ 129
brown black black below black leaden

14166 Leptopogon superciliaris albifrons ♂ 145
brown black leaden

14167 Tangara nigroviridis (?) ♂ 111
brown black, flesh below

14168 Tangara Xanthogaster ruficeps ♂ 115
brown black, leaden at base below black

14169 Diglossa g. glauca (?) ♀ 916
brown black black
Dark blue above & below, tail & wings black, edges
blue; lores & narrow front black

14170 Diglossa cyanea melanopsis ♂ 149
red black black

X

24

14171 ✓ *Tangara xanthocephala lanirostris* ♀ 130
 brown) black) leaden

14172 ✓ " " " " ♂ 135

14173 ✓ " " " " (?) 130

14174 ✓ " " " " " ♀ 134

14175 ✓ " " " " ♂ 134

14176 ✓ *Eubucco v. versicolor* ♀ 164
 brown) leaden (anally, olive yellow apically) olive

14177 ✓ " " " " ♂ 168

14178 ✓ " " " " ♂ 167

14179 ✓ *Conopias cinnamomeus* ♂ 175
 brown) black, leaden below (anally) black

14180 ✓ *Hcipiter erythronotus ventralis* ♂ 275
 brown) black

14181 ✓ *Tangara xanthocephala lanirostris* ♂ 134

Same habitat & time as 29 above

X

San Jacinto, Apr. 29

14182 ✓ *Tanagra xanthogaster ruficeps* ♂ 113

14183 ✓ *Tanagra xanthogaster ruficeps* ♂ 112
brown | black, leaden below | leaden

14184 ✓ *Tanagra mesochrysa tavarae* ♀ 115
brown | black, leaden blue below | leaden

14185 ✓ *Tanagra vassori atricaerulea* ♂ 13.0
brown | black | black

♀ 14186 ✓ *Troglodytes solstitialis* ♂ 122
brown | black, flesh below usually | dark brown

14187 ✓ *Diglossa g. glauca* ♂ 129
brown | black | black

14188 ✓ *Mionectes s. striaticollis* ♂ 15.0
brown | black, brownish flesh below largely | leaden

14189 ✓ *Anabacerthia striaticollis yungae* ♂ 176

14190 ✓ *Compsocoma flavinucha* ♀ 148
brown | black, flesh below largely | black

14191 ✓ " " ? 178

14192 ✓ *Chlorospingus opt. fulvig.* ♂ 135
white | black | leaden

X

[25]

16193 *Chlorospingus oph. fulvius* ♂ 136

16194 *Tangara xanthocephalus lanius* ♀ 130

16195 " " " ♀ 135

16196 *Diglossa g. glauca* ♀ 116
brown (black) black

16197 *Chamaezza brevirostris boliv.* ♂ 916
brown black, flesh below basally leaden blue

16198 *Columba plumbae delicata* ♂ 364
— black pink blood

16199 *Troglodytes solstitialis* ♂ 126
brown black, flesh below mainly dark brown

16200 *Pyrrhura n. melanotos* ♀ 254
brown black black

San Javini 1930 Pierres abys

16201 *Troglodytes solstitialis frater* ♂ 112
brown black, flesh below basally dark brown

16202 *Anabacerthia striaticollis yungae* ♀ 177
brown black leaden below leaden

X

14243 *Compsocoma flavinucha* ♂ 178
brown (black, pale below at base) black

14204 " " " ♀ 179

14205 *Xanthoura yncas* ♂ 312
yellow (black)

14206 *Ostindops atrovirens* ♂ 400
blue (pale green) black

14207 " " " ♀ 314

14208 *Oropelea frenata* ♀ 316
brown (black) purple blood

14209 *Autocorhynchus caeruleonotus* (?) ♀ 479
brown (leaden blue, tip pale) olive green

14210 *Trogonurus personatus* ♂ 274
brown (orange yellow) brownish yellow

14211 *Colomba plumbica delicata* ♀ 345
brown (black) (dark purple)
Don Jasius Salado (2 d) May

14212 *Tanagra xanthogaster ruficeps* ♂ 109
brown (black, leaden below) black

14213

116

X

[26]

14913 *Diglossa cyanoptera leucostis* ♂ 116
 brown black black

14914 *Tangara nigrocinerea* (?) ♀ 114
 brown black, black below (rally) brown

14915 ✓ 11 ♀ 113

14916 *Thamnophilus aspersiventer* ♂ 145
 brown black black

14917 *Campephilus flavigularis* ♂ 177
 brown black, black below at tail black

(N) 14918 *Thraupis cyancephala* ♂ 203
 brown black, black below black

14919 *Pyrrhura m. malinae* (3) 3.05

14920 ✓ Squirrel ♂ 19-21-15. 8-19

Saw Palmetto Spring 2 May 72

14921 *Conirostrum logens* ♂ 114
 brown black black

14922 *Basileuterus tristriatus punctatus* ♀ 106
 brown black, dusky black below brown

14923 *Chlorospingus ophthalmicus fulvigularis* ♀ 114
 brown black black

X

14224 Basileuterus coronatus notatus ♀ 115
brown | black | brownish yellow.

14225 " " " ♀ 115

14226 Eubucco versicolor ♂ 178
red | leaden blue | yellow | pale yellow | leaden

14227 Pipreola f. frontalis ♀ 178
brown | black | olive green

14228 Anabacerthia striaticollis yungae ♂ 174
brown | blackish, dusky below | yellow | leaden

14229 Xiphorhynchus triangularis bangsi ♂ 1903
brown | lead blue, few gray black | olive

14230 Entomodestes leucotis ♀ 915
brown | black, orange below | black

14231 " " " ♂ 219

14232 Scapanous trachelopterus ♂ 314
yellow | blackish ^{leaden} | yellow, pale yellow | leaden

San Isidro, Linares de Oro, Colombia

14233 Columba plumbieri delicata ♀ 300
brown | black | dark purple

X

27

14934 ✓ *Columba plumbosa delicata* ♀ 315

14935 ✓ *Rhipidura peruviana sibiricata* ♀ 318
brown | black, tip yellow | white | black

14936 ✓ " " " ♂ 319
red | orange yellow | yellow

14937 ✓ *Allocoorhynchus caeruleicinctus* ♂ 414
brown | leaden | pale | white green

14938 ✓ *Pyrrhura frontalis* ♂ 316
brown | black, pale at base | black

14939 ✓ *Chlorospingus othelmae fulviginosus* ♂ 316
white | black | leaden

14940 ✓ *Tangara xanthocephala lamprotaenia* ♀ 316
brown | black | leaden

14941 ✓ " " " " ♂ 315

14942 ✓ " " " " ♂ 316

14943 ✓ *Xiphorhynchus triangularis bangsi* ♂ 314
brown | pale bluish white, base & tip of wing black | leaden

San Joaquin Martin Grass

♂ 305

14944 ✓ *Cyanocorax cyanocephalus*
brown | black & black

X

14245 *Henicorhina leucophrys boliviana* ♀ 103
brown (black) dark brown

14246 *Basileuterus tristriatus* ♂ 107
brown (black, dusky flesh below) dusky brown

14247 *Chlorospingus ophthalmicus fulvigularis* ♂ 114
white (black) leaden

14248 " " " " ♀ 114

14249 " " " " ♂ 116

14250 *Diglossa cyano melanopsis* ♂ 116
red-black (black)

14251 *Sittasomus griseicapillus viridis* (?) 117
brown (black, leaden below) leaden

14252 *Premnoplex brunnescens sticto notus* ♂ 115
brown (black, flesh below) brownish black

14253 *Tangara xanthocephala lamprotis* (?) 118
brown (black) leaden

14254 *Anabacerthia striaticollis yungae* ♂ 114
brown (black leaden olive below) olive

14255 *Chloroerpes rubiginosus canipennis* ♂ 209
brown (black) leaden

San Juanito, May 5

14256 *Crypturellus obsoletus punensis* ♀ ^(M) 315
 brown) black, flesh below leaden

14257 *Penelope* ? ^(M) 515
 brown) black) pink below

14258 *Helococcyx caeruleicinctus* ♀ 315
 brown) leaden basally, pale apically) olive

14259 *Tangara xanthocephala laniopsis* ♂ 116
 brown) black) leaden

N.M. 14260 " " " ♀ 117

Macaronesia Virens ♀ de Mayo

14261 *Helococcyx caeruleicinctus* ♀ 119
 brown) leaden basally, pale apically) olive

14262 *Colibri cyanotos* ♂ 105
 black) black

14263 " " " ♂ 112

14264 *Mecocerculus leucophrys* ♂ 115
 brown) black) black

14265 *Atlapetes melanops* ♂ 174
 brown) black) brownish black

14266 *Mionectes s. striaticollis* (?) 114
brown > black, brownish flanks below barely > leaden

14267 *Chlorospingus ophthalmicus fulvigularis* ♀ 115
brown > black > leaden

14268 *Thraupis cyanocephalus* ♂ 201
brown > black, palest base below > leaden

14269 *Lepidocolaptes lachymiger boliviensis* ♂ 213
brown > pale brown, darkish at base > leaden

14270 " " " " " ♀ 944

14271 " " " " " (B) 219

14272 *Buteo nattereri* ♂ 405
brown > black, leaden below (see yellow) > dark yellow

Frechkae tabado ♂ gray

14273 *Thraupis cyanocephalus* ♂ 203
brown > black, pale at base below > leaden

14274 *Chamaezza mollissima ruguagae* ♂ 912
brown > black > leaden black

14275 *Altapetes melanops* ♂ 104
brown > black > blackish

14276 *Chlorospingus ophthal. fulvigularis* ♂ 105
white > black > leaden

X

[29]

14277 *Aglaeocercus moeoa smaragdina* ♀ 101
black | black

14278 *Tangara rassori aticaerulea* ♂ 114
Brown | black, leaden at base below | leaden

14279 *Lepidothrix lachrymiger belii* - ♂ 913
brown | black head, blackish at base | leaden

~~Immaculata~~ *luteola* ~~luteola~~ ^{luteola} ~~luteola~~ ^{luteola} ~~luteola~~ ^{luteola}

14280 *Metallura s. smaragdina* ♂ 110
black | black

14281 Squirrel "
as measurement ♀ 2

14282 *Chlorospingus ophthal. fulvivularis* ♂ 145
white | black | leaden

14283 *Oreothraupis fumicolor berlepschi* ♀ 146
brown | black | black

14284 *Diglossa cyanoptera melanopsis* ♀ 116
red | black | black

14285 *Pterophanes cyanopterus* Dom 118
black | shiny flesh

14286 *Poecilothraupis igneiventris* ♂ 178
brown | black | black

✓ 14287 *Pseudocolaptes boissonneautii* ♀ 215
brown black, flesh below usually (leaden)

✓ 14288 *Grallaria erythrotis* ♀ 904
brown black, brown below (leaden)

✓ 14289 *Turdus serranus* ♂ 919
brown | orange red } dusky yellow

✓ 14290 *Piaya cayana obscura* ♂ 403
red | leaden variably, olive yellow apically | leaden

✓ 14291 *Turdus chiguanco anthracina* 300
brown | red orange, blackish at base above | brownish yellow

✓ 14292 *Turdus serranus* ♂ 225
brown | orange yellow | brownish yellow

✓ 14293 *Spinus olivaceus* ♂ 105
brown black, pale at base below | black

✓ 14294 " " " ♀ 103

Frechaza 21 de mayo

✓ 14295 *Chaetocercus mulsanti* ♂ 90
black | black

✓ 14296 " " " ♂ 100

X

30

14297 *Chaetocercus mulsanti* ♂ 95

14298 " " ♂ 93

14299 " " ♀ 89

14300 *Chaetocercus mulsante* ♂ 85
black \ black

14301 " " ♀ 87

14302 " " ♀ 84

14303 *Metallura smaragdina* ♂ 99
black \ black

14304 *Colibri isolatus* ♂ 116
black \ black

14305 *Diglossa carbonaria* ♀ 116
brown \ black; paler at base below \ blackish brown

14306 " " ♂ 115

14307 " " ♂ 116

14308 " " ♂ 116

✓ 14319 *Diglossa cyannea melanopsis* ♀ 118
reddish | black | black

✓ 14310 *De/othraupis castaneoventris* ♂ 119
brown | black, paler below mainly | black

✓ 14311 *Leistes militaris superciliaris* ♀ 118
brown | brown hairy, pink below | brown black

Incahuaca Jueves 13 de Mayo

✓ 14312 *Tyranniscus belivianus* ♀ 119
brown | black | black

✓ 14313 *Myiochanes fumigatus* ♀ 179

✓ 14314 *Myiochanes fumigatus* ♀ 178
brown | black, brown below | black

✓ 14315 *Chaetocercus mulsante* ♂ 95
black | black

✓ 14316 *Diglossa cyannea melanopsis* ♂ —
red-brown | black | black

✓ 14317 " " " ♂ 117

✓ 14318 *Synallaxis a. azarae* imm? 114
gray | black, leaden below | leaden

✓ 14319 *Diglossa carbonaria* ♂ 117
brown | black, pale at base below | black

X

[31]

14320 ✓ *Diglossa carbonaria* ♂ 115

14321 ✓ " " ♀ 114

14322 ✓ " " ♂ 114

14323 ✓ *Tyranniscus b. bolivianus* ♂ 138
brown \ black, leaden below \ leaden14324 ✓ *Cinclodes fuscus albiventris* ♀ 177
brown \ black \ black14325 ✓ *Flacnia f. lavogaster* ♀ 118
brown \ black, black below, tip dull \ black14326 ✓ *Tyrannus melancholicus* ♀ 912
brown \ black \ blackOreothraupis Kierns 14 May '7814327 ✓ *Ochthoeca rufipectoralis* ♂ 134
brown \ black \ black14328 ✓ *Serpophaga c. cinerea* (?) 110
brown \ black \ black14329 ✓ *Mecocerculus l. leucophrus* ♂ 13
brown \ black \ black

+

14330 *Cinclus leucogenys* ♂ 117
brown black leaden

14331 *Cinclodes fuscus albiventris* ♀ 118
brown black, pale at tail below black

14332 " " " " (3) 118

14333 " " " " ♂ 118

14334 *Tyrannus m. melancholicus* ♂ 214
brown black black

Incahuasi Sabado 15 de Mayo

14335 *Veniliornis n. nigriceps* ♀ 98
brown black, blue below black leaden

14336 *Leistes militaris superciliaris* ♀ 114
brown brown on, blu. below tail brown, too black

14337 *Serpophaga c. cinerea* ♀ 119
brown black black

14338 *Tyranniscus boliviensis* ♀ 13
brown black, leaden at tail below black

14339 *Merganetta armata leucogenys* ♂ 114
brown red, ridge blackish blackish brown

14340 *Grallariola boliviensis* ♂ 12
brown black, blu. below, tip dark blackish

X

32

14341 *Vestipectes glaucopterus* ♂ 109
 black black.

Macchaca 17 May

14342 ✓ *Cinclus leucophaeus* ♂ 177
 brown black black

14343 ✓ *Diglossa carbonaria* ♂ 114
 brown black black

14344 ✓ *Colibri isotatus* ♂ 115
 black black

14345 ✓ *Serpophaga cinerea* ♀ 112
 brown black black

14346 ✓ *Chaetocercus mulsanti* ♂ 95
 black black

Macchaca 17 May

14347 ✓ *Serpophaga c. cinerea* ♂ 105
 brown black black

14348 ✓ *Elaenia flavogaster* ♂ 116
 brown black, pink below, tip dark black

14349 ✓ *Thraupis c. cyanoccephala* ♂ 119
 brown black, leaden blue, blue, red, blue

+

Macchaca micros 19 ~~22~~ aff

14350 ✓ *Zonotrichia capensis peruviana* ♀ 115
brown \ blackish, dark base below \ brown base

14351 ✓ *Muscicapa icola immaculirostris* ♂ 115
brown \ black, yellow below tail \ black

14352 ✓ *Saltator aurantiirostris boliviensis* ♂ 95
brown \ blackish, brown pink below \ dark base

14353 ✓ *Agriornis micropterus undulatus* ♀ 919
brown \ black, deeply pink below \ black

14354 ✓ *Turdus fuscater* ♀ 919
brown \ red orange ^{brown} yellow

14355 ✓ *Pionopsitta melanotis* ♂ 275
brown \ leaden, pale apically \ black

14356 ✓ *Colibri isotata* ♂ 104
black \ black

Macchaca, Merves 2.0 May 2

14357 ✓ *Colibri isotata* ♂ 108
black \ black

14358 ✓ *Diglossa s. sittoides* ♂ 113
brown \ black, pink at base below \ brown base

X

337

14359 ✓ *Diglossa carbonaria* ♂ 115

brown | black, pale at base below | black

14360 ✓ *Diglossa cyanoptera longipennis* ♂ 117

red | black | black

14361 ✓ *Saltator aurantiirostris beliv.* - ♀ 215

brown, yellow, black below | leaden

14362 ✓ *Veniliornis n. nigriceps* ♀ 200

brown | black, bare blue below | leaden

14363 " " " " ♀ 218

Trachchaenae lutescens 212 yellow

14364 *Colibri cyanotis* ♂ 112

black | black

14365 ✓ *Diglossa carbonaria* ♀ 114

brown | black, pale at base below | black

14366 ✓ " *s. sittooides* (?) 113

brown | black, pale at base below | dark brown

14367 ✓ *Muscisaxicola m. maculirostris* ♂ 116

brown | black, yellow below (barely) | black

14368 ✓ *Elaenia flavogaster* (?) 117

brown | black, flesh below, tip black | black

X

14369 ✓ *Myiochanes f. fumigatus* ♂ 179
 brown | black, brown below | black.

14370 ✓ *Diglossa cyanea melanopsis* ♂ 116
 red-brown | black | black.

14371 ✓ *Pitangus sulphuratus boliviensis* ♂ 218
 brown | black | black.

14372 ✓ *Hypoxanthus atriceps* ♀ —
 brown | black | brown

14373 ✓ Rat. 11 119

14374 ✓ *Pygochelidon cyanoleuca* ♂ 113
 brown | black | black

14375 ✓ " " " ♀ 93

14376 ✓ " " " ♂ 109

14377 ✓ " " " (3) 112

14378 ✓ *Oreothraea t. thoracica* ♀ 114
 brown | black | black

14379 ✓ *Muscisaxicola m. maculirostris* ♀ 117
 brown | black, yellow below breast | black

X

[34]

14380 ✓ *Muscisaxicola minaceus* ♂ 114

14381 ✓ *Pyrocephalus cyanoleuca* ♀ 116
brown (black) black

14382 ✓ *Synallaxis azarae* (?) 118
brown (black) black black black

14383 ✓ " " " ♂ 119

14384 ✓ *Craniolævica albiceps discolor* ♀ 115
brown (black) black

14385 ✓ *Thlypopsis ruficeps* ♀ 114
green above, with orange cap & edge of
brown (black, black brown) black

14386 ✓ " " " (?) 114

14387 ✓ *Myiochanes f. fulviventer* ♂ 128
brown (black, brown below) black

14388 ✓ *Pseudocolaptes boissonneautii* 205
brown (black, black black, mostly) black

14389 ✓ *Spinus olivaceus* ♀ 115
brown (black, pale brown) black black

14390 ✓ *Pharomachrus antisensis* ♂ 385
brown (yellow) olive

X

✓

14391 *Pharemacrus antisensis* ♀ 377
brown | brown breast, ridge black | brown breast

of *Macawaca* molted 25 days

14392 ✓ *Andigena cayennae* ♂ 449

14393 ✓ *Tangara xanthocephala lampretis* ♂ 715
brown | black | leaden

14394 ✓ *Psittacula rieffeli bellicosa* ♂ 915
brown | red | red

14395 ✓ " " " " ♀ 341

14396 ✓ *Eubucco versicolor* ♂ 118

14397 ✓ *Aglaeocercus moco smaragdina* ♂ 116
black | black

14398 ✓ *Basilornis tristriatus puncticeps* ♀ 114
brown | black, flesh below | brownish yellow

14399 ✓ *Cratilaria squamigera canicauda* ♂ 213
brown | black, flesh below | black, flesh

14400 ✓ *Mionectes s. striaticollis* ♂ 150
brown | black, brownish flesh, breast | leaden

of *Macawaca* molted 26 days

X

35

Guachaca, May 26.

14401 *Henicorhina leucophrys boliviensis* ♂ 112
 brown \ black \ dark brown

14402 *Mecocerculus hoffmanni* ♂ 112
 brown \ black, pink below \ leaden blue

14403 *Oreotheca jelskii boliviensis* ♀ 125
 brown \ black \ black

14404 *Conirostrum cinnamomeum* ♀ 126
 brown \ black \ black

14405 " " " " ♂ 130

14406 *Thamnophilus aspersiventer* ♂ 170
 brown \ black \ leaden blue

14407 *Margarornis s. squamigerus* ♂ 170
 brown \ black, pink below \ black

14408 " " " " ♀ 170

14409 *Grallaria erythrotis* ♀ 190
 brown \ black \ leaden blue

Guachaca, June 27, 1940

14410 *Conirostrum lugens* ♀ 126
 brown \ black \ black

X

14411 ✓ *Thraupis c. cyancephala* ♂ 216
brown) black, leaden blue below) leaden blue

14412 ✓ *Compsocoma flavinucha* ♂ 180
brown) black) black

14413 ✓ *Chlorornis riefferi boliviana* ♀ 215
brown) crimson) scarlet

14414 ✓ " " " ♂ 215

14415 ✓ *Pseudocolaptes boissonneauti* ♀ 216
brown) black, blue (below mostly) leaden

14416 ✓ *Hypoxanthus atriceps* ♂ 280
brown) black) leaden

14417 ✓ " " " ♀ 260

Incaebus Virens 28 days

14418 ✓ *Tyranniscus boliviana* ♀ 119
brown) black, leaden below) black

14419 ✓ " " " ♀ 113

14420 ✓ *Chalcostigma t. roticeps* ♂ 105
black) black

✓ 14421 *Aglaeactis maccoa smaragdina* ♂ 180
black | black ~~tail~~

✓ 14422 *Colibri cyanotis* ♀ 115
black | black

✓ 14423 *Pyrocephalus cinnamomeus* ♀ 140
brown | black | black

✓ 14424 *Synallaxis azarae* ♂ 180
gray | black, darker below | darker blue

✓ 14425 *Turdus serranus* ♂ 950
brown | red-orange | yellow

✓ 14426 *Turdus serranus* ♂ 916
brown | yellow | yellow

✓ 14427 *Turdus chiguanco anthracina* ♂ 919
brown | red-orange | yellow

✓ 14428 *Cyanolyca v. viridi-cyanus* ♂ 318
black | black

✓ 14429 " " " " ♀ 319

✓ 14430 " " " " ♀ 319

✓ 14431 " " " " ♂ 319

✓ 14432 " " " " ♂ 319

60
8472
16

X

14433 *Cyanolyca v. viridicyana* ♂ 315

14434 " " " ♀ 314

14435 *Pipreola intermedia signata* ♂ 212
brown \ crimson, tip black \ crimson

Incahuasi Sabado 29 Mayr

14436 *Thlypopsis rufigeops* ♂ 140
brown \ black, leaden below \ leaden

14437 *Hypothymis macroura smaragdina* ♂ 1135
black \ black

14438 " " " ♂ 145

14439 *Colibri cyanotis* ♂ 105
black \ black

14440 *Thraupis c. cyanacephala* ♂ 200
brown \ black, leaden below \ leaden

14441 " " " ♂ 200

14442 *Zenaida auriculata* ♂ 215
yellow \ black \ pink throat

Queretaro Domingo 30 Oct 1960

14443 ✓ *Ostindops atrovirens* ♂ 314
 blue) pea-green) black

14444 ✓ *Myiotheretes striaticollis* ♀ 214
 brown) black) black

14445 ✓ *Turdus serranus* ♀ 915
 brown) black) brownish yellow

14446 ✓ *Columbina picui* ♂ 190
 orange) black) pink blue

14447 ✓ *Pipreola intermedia signata* ♂ 214
 brown) crimson) scarlet

Queretaro, Hwy 31

Beto & Mike went out today, shooting up valley to Morelia & back. I worked on collection

14448 *Ochthoeca r. rufopectoralis* ♂ 146
 brown) black) black

14449 ✓ *Adelomyia inornata* ♂ 98
 black) dusky flesh

14450 ✓ *Mecocerculus bellmayri* ♂ 117
 brown) black, flesh below) leaden

14451 ✓ *Miocheetes a. striaticollis* ♂ 157
 brown) black, brownish flesh below, tip black) leaden

X

14452 *Bavarremia t. torquatus* ♂ 195
brown | black | black

14453 *Phaeoptilus a. auroventris* ♂ 215
brown | black, leaden below | dark leaden

14454 *Cinclus leucocephalus* ♀ 170
brown | black | leaden

14455 *Atlapetes melanops* ♀ 166
brown | black | blackish brown

Itheachaca, June 1, 1937. ["La Hduana"]
Berti & I went up trail to "La Hduana" on horseback, left horse there. We shot from there up & searched around a bit at that level. We left at 5 P.M. & got back at 5:30 P.M. Day partly cloudy.

14456 *Metallura smaragdina* ♂ 100
black | black

14457 " " " ♀ 92

** 14458 " *malagae* ♂ 124
black | black
Tail below gleaming metallic coppery!

14459 *Aglaia actis panacea* ♂
black, pink at base below | black 121

14460 *Helianthea volifera* ♀ 152
black | dusky

14461 " " " ♂ 154

14462 " " " ♂ 153

X

14463 ✓ *Helianthea volifer* ♂ 155

14464 ✓ *Pterophanes cyanopterus* ♂ 185
black | dusky, pink.

14465 ✓ " " ♂ 189

14466 ✓ *Scytopus aectirostris* in (?) 110
brown | black, brown below | brown back

14467 ✓ " " ♀ 122

14468 ✓ *Scytopus* (?) 126.
(same as Sandillain) black, dull pink at throat, ~~dark~~ ~~grey~~

14469 ✓ *Sabicea bartletti* ♀ 124
gray | black, pale blue below | leaden

14470 ✓ " " ♀ 190

14471 ✓ " " ♀ 161

14472 ✓ " " ♀ 176

14473 ✓ " " ♂ 195

14474 ✓ *Ochthoeca fumicolor berlepschi* ♀ 160
brown | black | black

14475 ✓ " " " ♂ 169

14476 ✓ *Basileuterus nigroristatus evophrys* ♀ 151
brown | black | yellowish brown

14477 ✓ *Altapetes melanops* ♂ 169
brown | black | black

X

14478 ✓ *Anthus bogotensis* ♂ 171
brown | black, pink below, tip black | pink, youth darker

14479 ✓ " " " " ♂ 174

14480 ✓ " " " " ♂ 174

14481 ✓ " " " " ♂ 170

14482 ✓ *Myiochanes f. fumigatus* ♂ 195
brown (gray), brown below | black

14483 ✓ *Cinnycertina fulva* ♂ 141
gray | black, pink below | golden drab

14484 ✓ *Butthraupis m. montana* ♀ 236
brown | black, pale breast below | black

14485 ✓ " " " " ♀ 237

14486 ✓ *Anisognathus igniventris* T.E. ♂ 189
brown | black | black

14487 ✓ *Amazilia rubrocristata* ♂ 230
red | pink pink basally, black apically | black

14488 ✓ *Diglossa carbonaria* (?) juv juv ♀ 147
brown | black, leaden at base below | black

14489 ✓ *Pseudocolaptes boissonneuti* ♀ 233
brown | black, pink below basally & trine | olive
leaden

14490 ✓ *Psilopsiagon orbignyi* ♂ 186
pink blue | olive green, yellowish below | pink

14491 ✓ *Cacicus chrysonotus* ♂ 305
blue | pink, yellowish above & at base below, pink basally
above & apically darker | black

39

14492 *Cacicus chrysopterus*

♂ 315

14493 *Notopholia lueei peninsularis*

(M) ♀ 285

brown | cinnamon, reddish brown | yellow

14494 *Notopholia coronata*

(M) ♂ 363

brown | black, black below, top black | drab

Incahuasi, June 1

14495 *Thamnophilus aspersiventer*

♂ 156

brown | black | leaden

14496 *Piaya cayana shocoira*

♂ 447

red | olive green variably, yellowish green variably | black

Incahuasi, June 3.

Besto, went out on some, found very few birds. Worked on collection, labelling etc.

14497 *Trochocercus solstitialis*

♂ 120

brown | black, black below variably | brown brown

14498 *Atlapetes melanops*

♀ 167

brown | black | brownish black

14499 *Aglaeocercus macao*

♀ 110

black | black

14500 *Helianthus amethysticollis*

♀ 110

black | black

14501 Long Tailed Rat: 296-167-33-22 ♀

X

14502 ✓ *Delothraupis castaneoventris* ♀ 174
 brown) black, leaden below) leaden brown

14503 ✓ *Oreopelia violacea* ♀ 226
 orange) black) purplish brown

14504 ✓ *BaX.* ♂ 100 - 42 - 300 - 15

14505 ✓ " ♂ 95 - 40 - 310 - 16

14506 ✓ *Threnetes leucurus longirostris* (?) ♀ 248
 brown) black) brownish black

14507 *Leistes militaris superciliaris* ♀ 185
 brown) brownish brown, pink below) brown brown

14508 Long Tail Rat 255-139-30-22 ♀ juv

14509 ✓ *Cinclus leucophaeus* ♂ 172
 brown) black) leaden blue, sides to black

Incahuasi ("La Aduana") June 4.
 Berts, went alone up as far as Salcanito. fine rain & fog all day
 determined at 5 p.m.

14510 *Thlypopsis ruficeps* (?) Green back ♂ 135
 brown) black, leaden blue below) leaden blue

14511 ✓ *Cinnyrornis filva* ♂ 150
 gray) black, blue) pink below) dark brown

14512 *Anisognathys igniventris* ♀ 187

14513 ✓ " " " ♀ 175

14514 ✓ " " " ♀ 190

40

14515 *Hemispingus atro-pileus calophrys* ♂ 160
brown | black, leaden blue below | leaden blue

14516 *Catamblyrhynchus diadema* ♀ 137
brown | black, dark brown below | black

14517 ✓ " " ♂ 157

14518 ✓ *Phrygilus varicolor* ♂ 162
brown | black, dark brown below | brownish black

14519 ✓ " " ♀ in 149

14520 ✓ *Ochthoeca fumicolor berlepschi* ♂ 165
brown | black | black

14521 ✓ *Muscisaxicola alpina grisea* ♀ 188
brown | black | black

14522 ✓ " " " ♂ 196

14523 ✓ *Cinclodes fuscus albiventris* ♂ 179
brown | black, pinkish below | black

14524 ✓ *Psiliapsaigon d'orbignyi* ♀ 189
brown | yellowish olive | yellow

14525 ✓ " " " ♂ 185

14526 ✓ *Pipreola arcuata* ♀ 222
yellow | crimson | scarlet

14527 *Saropeltis ruficola* ♂ 356
brown | black | leaden blue

14528 *Turdus chiguanca anthracina* ♂ 315
brown | red orange | yellow

June 5 Incachaca

Berto & Mike arrived yesterday. Bert & I worked on collection.

Incachaca June 6.

The birds were killed by don Juan yesterday evening, & the 2 Oppossum taken in traps. Norma inform that she slept during night.

14529 *Ochetocyon t. thoracica*
brown (black) black

♂ 146

14530 *Veniliornis f. fumigatus*
brown (black) shiny brown (brown) shiny

♂ 172

14531 *Leistes militaris*
brown brownish brown, black below shiny brown

♀ 176

14532 *Trogonurus personatus*
brown (yellow) yellow

♂ 283

14533 *Zenaidrichia capensis peruviana*
brown (black) shiny brown, shiny pink brown shiny flesh

14534 Rat Opposum 252-145-18-21 ♀

14535 Black Opposum 770-380-68-48 ♀

+

41

Iquacocha, June 7.

Birds went swimming & I waited on bank &
 I saw black bird. I took a round shot, & went to trap.
 Disturbed birds in tree.

✓ 14536 *Metallura smaragdina* ♀ 95
 black \ black

✓ 14537 *Hyalocercus moesta smaragdina* ♀ 115
 black \ black

✓ 14538 *Columbina picui* ♂ 197
 pale purple with black body, yellow & blue below \ purple

✓ 14539 *Thamnophilus aspasia* ♂ 167
 brown \ white \ leaden blue

✓ 14540 " " " ♀ 163
 black, leaden blue below \ leaden blue

✓ 14541 *Calospiza vassorii* ♂ 147
 brown \ black, purple blue below, top black \ leaden blue

✓ 14542 *Pipreola intermedia signata* ♂ 215
 black \ crimson \ scarlet

✓ 14543 *Pipreola areata* ♂ 269
 yellow \ crimson \ scarlet

✓ 14544 *Araitaria erythrotis* ♂ 212
 fawn \ black \ leaden blue

✓ 14545 *Cinclus leucocephalus* ♂ 175
 brown \ black \ leaden blue, sides of tail black

X

14546 ✓ *Turdus serranus* ♀ 279
brown black bill yellowish brown

14547 ✓ *Cacicus chrysonotus* ♂ 344
pale blue | pale olive yellow, leaden blue & blue | black

14548 ✓ *Piaya cayana obscura* ♂ 458
carmine | olive green, paler apically | leaden blue

14549 ✓ *Columba a. albitinea* (M) ♀ 355
pale greyish yellow, tip dusky | dusky yellow

14550 ✓ *Penelope s. scutateri* ♀ 640
brown | dark brownish, paler below | pink bluish

14551 ✓ " " " " ♂ 645

14552 ✓ Blash Opossum (mid way end of tail)
768-368-65-52 ♂

14553 ✓ " " " " 778-386-65-49-3

14554 ✓ *Pipreola intermedia signata* ♀ 217
gray | crimson | scarlet

14555 ✓ *Atlapetes melanops* ♀ 217
brown black | dusky brown

We both went up river to canal cuttage, then I worked up opposite slopes & Bert went high up the valley. He shot a bear, but it escaped wounded. X

[42]

Incahuasi, June 8

14556 *Basileuterus nigripectus euphras* ♂ 149
(yellow supercilium; green sides)
brown) black ^{yellow} yellow

14557 *Myiotheretes melanacephalus boliviensis* ♀ 151
brown) black black

14558 *Synallaxis azarae* (?) 177
hazel) black, bare blue below) olive leaden

14559 *Conirostrum Ignes* ♂ 134
brown) black blackish bare

14560 *Turdus s. serranus* ♀ 273
brown) yellow, streaked with blackish yellowish brown

14561 *Venidiornis n. nigriceps* ♂ 200
brown) black, blue flesh below) olive leaden

14562 *Pionopsitta melanotis* ♂ 257
hazel) pale bare blue) dirty olive drab.

14563 Black Opposum, 745-350-45-43 ♀

14564 Long Tail Rat 307-163-36-24-8

14565 Squirrel 323-190-50-25-9

14566 *Penelope s. sclateri* ♂ 637
brown) black) pink blood

14567 " " " " ♀ 587

Berto.

X

14568 *Basileuterus nigrocristatus evophrys* ♂ 152

14569 ✓ *Scytalopus* — ap. (?) 118
brown | black | dusky brown

14570 ✓ *Thamnophilus asperisivator* ♀ 156
brown | black, leaden blue below | leaden blue

14571 ✓ *Comirostrum lugens* ♂ 132
brown | black | dark leaden

14572 ✓ " *sitticolor* *cyanurus* ♀ 135
brown | black | dark brown

14573 ✓ *Bvarrenon torquatus* ♂ 197
brown | black | blackish brown

14574 ✓ *Dolothraupis c. castaneiventris* ♂ 124
brown | black, leaden blue below | black

14575 ✓ *Ochthoecetes fuscocrota* ♀ 205
brown | black | black

14576 *Piproala intermedia signata* ♂ 212
pal. hazl | crimson | scarlet

14577 ✓ *Odontophorus ballivianii* (M) ♂ 300
brown | black | leaden

14578 ✓ *Myiotheretes s. striaticollis* ♀ 249
brown | black | black

14579 ✓ *Thripadectes* — ♂ 220
brown | black, flesh usually below | olive leaden

X

43

Lucachaka, June 9.

No shooting today, weather bad. Packed up all specimens & loaded some cartridges.

Lucachaca, June 10

Berto & I went up the "Adana" for whole day. It rained between 3:30 & 5:00 AM, but we started at 5:30. Day very bad, fog, mist & rain. We hiked up from guachaca to top of ridge, then took over pampas & old trail to the Adana. Took my along to get traps. I set in boggy meadows. I believed at 3:30, Berto later.

14580 ✓ *Scytalopus acutirostris* juv ♀ 13
 brown | black | brown brown

14581 ✓ *Basileuterus nigricristatus euphrys* ♂ 153
 brown | black | yellowish brown.

14582 ✓ *Myioborus m. melanoccephalus* ♀ 147
 brown | black | black

14583 ✓ " " " (3) ♂ 141

** 14584 ✓ *Hemispingus* ♂ 152
 brown | black, dusky pink below | brown brown

Pelican & eye & whole side of head (below eye) & middle neck black; remainder base of pelican ashy olive; broad superciliaries to nape cream buff; back & wings dark olive; chin white, rest below cinnamonaceous rufous with center of belly buff yellow.

14585 ✓ " " " in ♂ 147

14586 ✓ *Ochthoeca jelskii beliziana* ♂ 136
 brown | black | black

X

14587 *Cinnycerthia fulva* ♀ 142
 brown) black, pink below axially) dusky brown

14588 *Ochthoeca fumicolor berlepschi* ♀ 161
 brown) black) black

14589 *Deothraupis c. eastanoventris* ♀ 171
 brown) black, leaden blue below) blackish

14590 *Crallaria* sp. nov. ♀ 157
 brown) black) leaden blue
 Upper parts dark sooty brown, throat & chest
 tawny buff, palest just terminally to grayish buff
 vent whitish

14591 *Crallaria erythrotis* ♀ 207
 brown) black) leaden blue

14592 *Cacicus chrysonotus* ♂ 309
 pale blue) pale brown above, edge pale yellow
 feet black

14593 *Piccada* sp. nov (?) ♂ 2.80
 yellow) thin green, leaden blue below) bluish, fluff
 Upper parts leadish; with small white spots
 on yellow, larger axially, none buffy on
 lower back & shoulders very faint, rest
 beneath black; wing quills blackish, primaries
 with buffy rhomboid spots on outer web with
 about 15 mm apart; toes black; spot above
 eye white; throat face blackish, with large
 white frontal patch; chest brownish black
 (brown) and below buffy ochraceous
 striped especially with black; thighs pale
 buff; tail darkish.

X

[44]

14594 ✓ *Metallura malagare* ♂ 126
 black | black

14595 ✓ " " ♀ 115

14596 ✓ *Pterophases cyanoptera* ♀ 179
 black | pink

14597 ✓ *Muscisaxicola albitorquata* ♂ 186
 brown | black | black

14598 ✓ *Enthus bogotensis* ♀ 167
 brown | black, flesh below, tip black | flesh

14599 ✓ *Asthenes maculicauda* ♂ 177
 brown | black, flesh below | olive leaden

14600 ✓ " " ♂ 177

14601 ✓ " " ♀ 178

14602 ✓ " " ♂ 178

14603 ✓ *Grallaria* sp. nov. (No. 14590) ♂ 160
 brown | black | leaden

14604 ✓ *Geositta tenuirostris* ♂ 206
 brown | black, flesh below faintly | black

14605 ✓ *Phrygilus unicolor* ♂ 153
 brown | black, dusky, flesh below faintly | brown tan

14606 ✓ " " " ♂ juv 50

14607 ✓ *Agriornis microptera andicola* ♂ —
 brown | black, dusky flesh below | black

14608 ✓ *Cacicus chrysognathus* ♂ 302
 (14592)

Incachaca, June 12

14609 ✓ *Thraupis longirostris* (?) ♀ 232
brown blackish brown brown

14610 ✓ Short tail Thraupis 197-84-22-16 - ♀

14611 ✓ " " 162-72-21-13 - ♀

14612 ✓ *Perognathus* 210-120-25-14½ - ♀

Incachaca, June 13

14613 ✓ *Schistospiza griseocristata* ♂ 135
brown black, flesh below, tip black black

14614 ✓ *Lophotriccus* (?) ♂ 98
brown black, flesh tan below brown brown

14615 ✓ *Ochthoeca jelskii boliviana* ♀ 120
brown b b

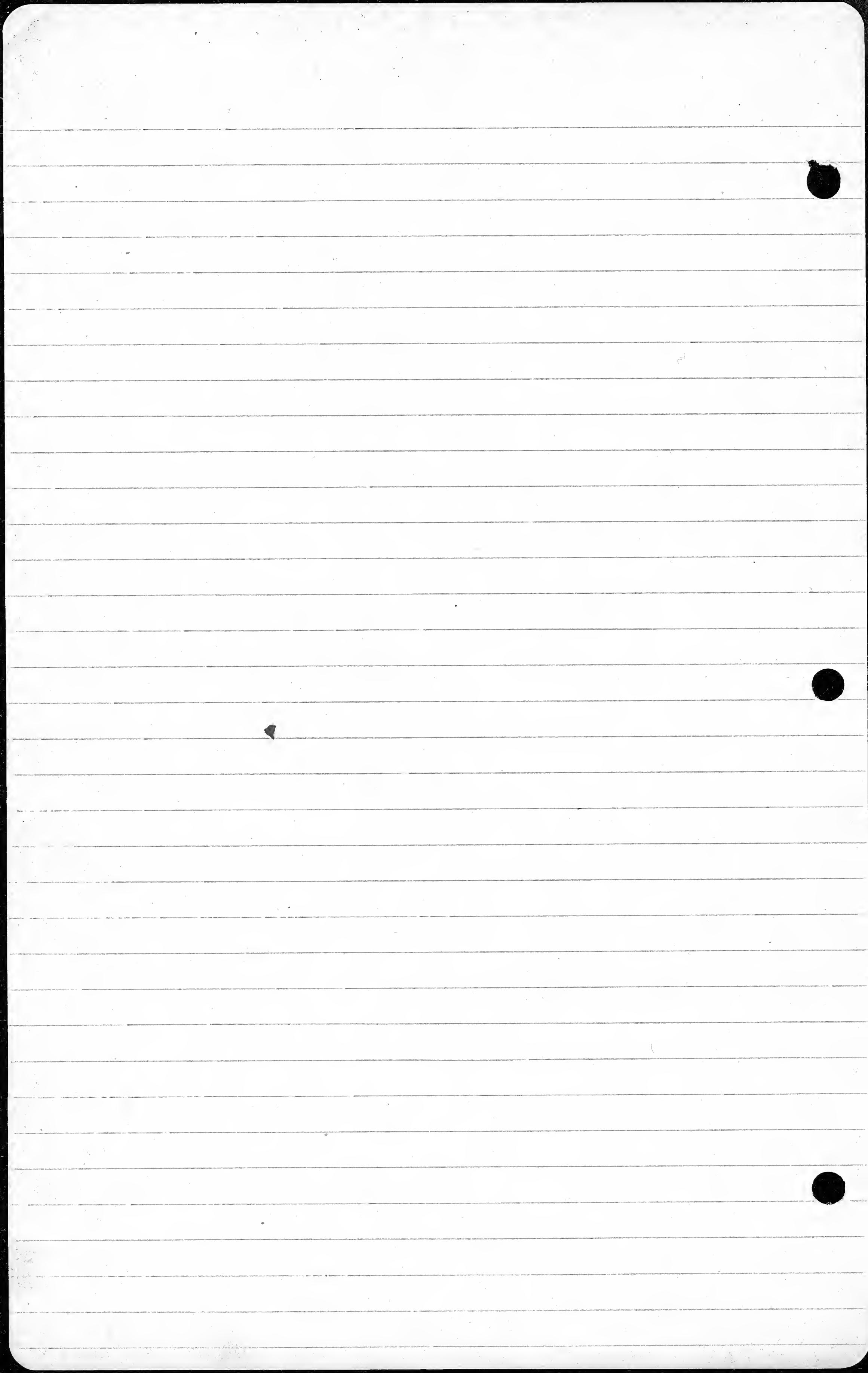
14616 ✓ *Ochthoeca l. leucophrys* ♂ 143
brown black black

14617 ✓ " " " ♂ 138

14618 ✓ *Vireosylva leucophrys laetissima* ♂ 114
brown black, leaden below leaden

14619 ✓ *Ochthoeca fuscorufa* ♀ 180
brown b b

65



X

[46]

Palmar, July 1, 1937. - 2600 ft.

All hands out. Bote down road towards Bismarck Camps,

Nik & I down new road to point opposite " "

* 14620 *Tedirestrem chrysocrotaphum* ♀ 81
yellow | black | leaden* 14621 *Myioornis albiventris* (T.E.) ♂ 89
hazl slate | black, flesh below | white, pink* 14622 *Habia rubica amabilis* ♀ 183
brown black tail, tip yellow | brown breast* 14623 " " " " ♂ 184
blackish, pale tan below* 14624 " " " " ♀ 182
blackish, pale tan below* 14625 *Myiochanes verticalis* ♀ 134
brown black | b-* 14626 *Basileuterus rivularis boliviensis* (T.E.) ♂ 142
brown black, pale tail, white* 14627 *Dysthumes mentalis taravare* (T.E.) ♂ 126
brown | black | leaden blue* 14628 " " " " ♀ 121
" black white flesh below | leaden blue* 14629 *Myioaciro hemimelaena* (M) ♀ 132
brown black, pale tail, white | flesh* 14630 *Thryothorus genibarbis boliviensis* ♂ 146
hazl | black | leaden blue | dark brown

8-77

84

X

* 14631 *Pachyglossia ochraceiceps viridior* (T.E.) ♂ 122
white flushed, blue, blackish pale leaden blue

** 14632 *Pipra mira* a. cleaginea ♂ 138
brownish brownish blue below brown, leaden blue

14633 *Tanagra xanthogaster roticeps* ♂ 113
brown black, pale leaden blue below brown, leaden blue

** 14634 *Pipra* (green, with blue cap) ♀ 106
brown black, pale brown blue below) leaden blue

* 14635 *Schistionis turdinus steinbachi* ♀ 199
pale brown blackish, leaden below (brown blue)

* 14636 *Chlorothraupis olivacea (renata)* (T.E.) ♂ 182
brown black, brownish pale, leaden blue

14637 " " " " ♀ 173
brown black leaden blue

** 14638 *Tanagra arthus sophiae* ♀ 144
brown black leaden blue,

* 14639 *Tanagra punctata punctulata* ♀ 131
brown black, leaden below, leaden

14640 " " " " ♂ 129

* 14641 *Xiphorhynchus ocellatus brevirostris* ♀ 213
brown (dull brown, blackish tan, brown blue below, olive leaden)

14642 *Chloropetes robiniosos cantholius* ♂ 247
brown black leaden

16-3

16-3

3

[47]

14642 *Palmaria* July 2, 1937

Bestermannid found by Broadbent camp, I went up
to Palmaria & Meiko down new trail. Found till
about 1000 ft. then went till 1300. Skipped most in P. 200.
No game last night.

14643 *Microtus (Black-abl) tail* 172-67-23-15½ ♀

14644

* 14645 *Turdus migratorius* ♂ 222

Brown black, white, cinnamon & yellowish brown

* 14646 *Sialia mariana* ♀ 212

brown black, white cinnamon & dark brown

14647 *Monachus alb. leucosterna* ♀ 134

brown & white black & white

14648 *Herculus dentatus leucostictus* (?) 122

brown black white black & white

14649 *Lophophanes* various colorations (T.E.) ♂ 111

various black, white, cinnamon & yellowish brown

14650 *Mionectes striaticollis* ♀ 153

brown black, white, cinnamon & yellowish brown

14651 *Basileuterus rufifrons notatus* (T.E.) ♂ 145

brown black white

14652 *Phlospingus ephemerus fuliginosus* ♂ 144

polka-dot black white blue

14653 ✓ " " " (P) 132

19-41

19-4

1

26-6

X

E48

14667 *Tanagra punctata* sun tibolita

♀ 132

brown black, golden yellow below, black) leaden

* 14668 *Pipra chloromeros*

♂ 118

white) white, black) white) black) black

14669 *Thraupis coccinea* carbo atricapillus

♂ 180

(brown) black) black) black) black) black

14670 *Vireo c. olivaceus*

♀ 140

brown) white) black) black) black) black

14671 " " "

♂ 154

* 14672 *Ostินops sincipitalis australis* (?) ♀ 410

gray) white grayish orange) black) black

Palmar, July 3.

Rain during night & this morning, all forenoon. Impossible to go shooting. I cleaned up odds & ends of work & wrote some labels. About 130 we were able to go out, but a heavy storm made to Bolivia, & went & I went up to Palmar. Birds almost non-existent & between all of us only 6 were taken (one discarded).

14673 *Tanagra xanthogastra* *luteiceps*

♀ 117

brown) black) leaden blue below, tip black) leaden

* 14674 *Phaethornis longirostris boliviensis*

♂ 171

black, pinkish yellow below, black) white, blue

**

14675 *Piranga leucoptera* *ardens*

♀ 156

brown) black, blue below) leaden

14676 *Ostинops sincipitalis australis*

♀ 405

32-71 blue gray) old grey) black) black

3271

X

14677 *Ostrophops decumanus maculosus* ♀ 396
 blue \ yellowish brown \ black

Palmar, July 4

Cloudy this morning, but no rain. Bert & Mike went up to Palmar alone, while I went down road. About 3 Km. down I turned into the jungle, wandered around for an hour, then found an old pica, barely discernable, which I followed for some distance, then lost in a small creek. Not wishing to turn back I followed on down this creek, thinking it would run into the Río San Matías, but after a long time I came out to another river, $\frac{1}{2}$ size of San Matías. I followed down this & at 12:40 reached the San Matías & the right of way of the road. 2 V. fish in 3 hours & 9 V. up to the camp, 5 Km. below here, arriving at 4 P.M. most exhausted from hunger, said I was very young and a drink of rice & rice food & coffee, & then I started again at 4:40 about 2 Km. up road I met the major & his 1 & a p.m. out looking for me, very much surprised & with good reason too. Fortunately no rain, & considerably sun out from 12 to 1:30 P.M.

* 14678 *Myiophobus fasciatus flammiceps* ♀ 138
 brown \ black, brownish blackish & b

* 14679 *Coereba chloropygia* ♂ 112
 brown & leaden

14680 " " " ♂ 114

14681 *Myioborus v. verticalis* ♂ 145
 brown & b

34-7

34-71

X

[49]

14682 [✓] Pipraeidae melanoptis venezuelensis
brown) black, pale brown, black b

♂ 156

14683 [✓] Basileuterus rivularis bolivianus
brown b) yellowish brown

♂ 156

14684 [✓] Tangara punctata punctulata
brown) black, leaden blue below } leaden blue

♂ 127

14685 [✓] Chlorothraupis olivacea frenata (I.E.) ♂ 182
brown) black) leaden blue

14686 [✓] " " " " ♀ 182

14687 [✓] Ramphocelus carbo citroseries ♀ 190
brown) black, dark brown below, tan, black

* 14688 [✓] Conopophaga a. ardesiaca ♀ 147
brown) black, pinkish brown, black

* 14689 [✓] Pyriglena leuconota hellmayri ♂ 195
brown) black

14690 " " " " ♂ 193

* 14691 [✓] Myiodynastes a. chrysocephalus ♂ 232
brown) black, pink, brown, tan, black

14692 [✓] Scapaneus trachelophrys (M) ♀ 335
brown) white, tan, sandy along sides) dark brown

14693
37-77

37-7

Mac-deanum nimi

X

14693 *Dysthumes mentalis tavaresi* (T.E.) ♂ 128
Brown & grey, head with a black leaden blue

14694

"

"

"

♀ 126

* 14695 *Microcerculus marginatus boliviensis* (T.E.) ♂ 133
Brown with fine blue markings down back

14696

Thomomys s. subfuscus

♂ 156

Red & black, dorsal line, and shoulder bands

14697 *Perognathus c. brachyrhynchus* (T.E.) ♂ 127
Red & black, pale brown with black underparts

* 14698 *Abrothrix longipilis c. melanura* (?) 156
Dense brown, pale brown on back & dorsal

14699

Tamias macrourus tavaresi

♂ 110

dorsal line from nose to tail & chin

14700

Tamias c. confusus

♂ 152

Brown & leaden

14701

"

"

"

♂ 155

14702 *Chlorothraupis olivacea frenata* (T.E.) ♂ 142
Brown & brown

Palmar July 5

There was no skinning done last night except the 5 birds from July 3, so we had to stay in today & skin yesterday's specimens. Finished at noon, as it rained off & on all afternoon, so nobody could go out. I wrote up labels to date & had time going all afternoon.

42-8

42-8

X

50

July 6 - Palmar

This evening was first day there and now sun early.

Rain in night but drifting clouds & sun till 1 P.M., then cloudy, all three of us went up road in work truck while hunting above Palmar. I higher & that up to 12,000 ft. Much fog & dust in truck at 1 P.M. Getting out in late.

14703 [✓] *Nicotus*

(same as 14703) 162-65-25-14-8

14704 [✓] *Dyaphorophyia mentalis* female (nesting) ♂ 127

brown & black, head brown w/ longitudinal

Found nest of *Tica* bird, ♀ & chick escaped, though I shot at it. Found by, nest in heavy fern, 16 ft from ground suspended from side of patch of small trees. Made of fine dried fibres, with some moss on outside, & lined with fine brown fern fibre, about 2" in. wide & depth. Contained 1 egg, nearly to hatch & 1 very young bird.

Egg white, about 12 x 16 mm, creamy white with speckles, several small dots of recent excretion, very heavy & some large soft tan & small of small size.

* 705 *Chloroxiphia cyaniventris*

♂ 142

brown & black \ pale brown

14706 [✓] *Hottonia o. ochroleuca*

♀ 198

brown \ bluish green, brownish below \ blue

* 14707 [✓] *Amazilia striatus*

♀ 208

brown \ bluish, blue pink below \ blue

14708 [✓] *Adelomyia inornata*

♀ 63

black \ reddish, red pink

14709 [✓] *Basileuterus tristriatus pubripennis*

♀ 130

brown \ brownish black, blue below \ brownish black

44-8

44-81

X

14710 ✓ *Thlypopsis ruficeps* ♂ 138
brown black, leaden below, slender blue

14711 ✓ " " " ♀ 134

14712 ✓ *Neocicindeloides leucophrys* ♀ 133
brown black, blue

14713 ✓ *Thamnophilus sparsiventer* (T.E.) ♂ 161
brown black, blue

14714 ✓ *Chiroxiphia pareola beliziana* ♂ 138
brown black, blue

14715 ✓ *Tanagria arthos. sophiae* ♂ 153
brown black, leaden blue

14716 ✓ " " *Xanthocephala lampritis* ♀ 139
brown black, leaden blue

14717 ✓ *Zubucco vivescens* ♀ 168
red, disc green, wedge blue, blue

14718 ✓ *Thermochalcis longirostris* ♀ 236
brown black, brown blue

* 14719 ✓ *Crinifer caninus trichostictus* T.E. A 227
brown pale reddish brown, blue, wedge blue, blue

14720 ✓ *Chloroceps rubiginosus lamprinus* ♂ 258
brown black, leaden

14721 ✓ " " " " ♂ 254

45-8

X

[SD]

14722 *Trogonurus personatus* ♂ 290

brown + orange-yellow underparts + blue green

Palmar, July 9.

Bristo & I went to Palmar, in search of a good place to fish. We walked down main highway, but got nothing. It rained today & some sun from 10 to 12.

14723 *Cyanocorax cyanomelas* ♀ 397

brown + b.

14724 " " " ♂ 400

14725 *Hemiphaga rufa* (?) ad. ♂ 283

yellow + black + purple + red

14726 *Miniopterus longicaudatus* (T.E.) ♂ 113

brown + black, darker blue below + leaden blue

14727 *Platyptilie albiventris* (?) ♂ 97

brown + black, tan + white + pale blue + black

14728 *Dysthaema mentalis javana* (T.E.) ♂ 124

brown + black, blue below + leaden blue

14729 " " " " ♀ 126

brown + black, blue below

14730 *Myiotheretes hemimelas* ♂ 130

brown + black + leaden blue

14731 *Synallaxis cabanisi filiventris* (T.E.) ♂ 165

brown + black + leaden blue + white + dull olive

4810

14732 " " " " (T.E.) ♂ 161

48-10

X

14233 *Thraupis genibarbis boliviensis* (T.E.) ♂ 159
Tropical forest, Abra Pampa, ~~near~~ ⁱⁿ Rio Grande

14234 *Thraupis leucogaster* ♂ 156
dry ~~forest~~ ^{scrub} beach, ~~near~~ ⁱⁿ Rio Grande

14235 " " " ♂ 158

14236 " " " ♀ 157

14237 " " " ♀ 154

14238 *Notiomelus ornitholeucus* ♀ 194
dry ~~forest~~ ^{scrub} beach, ~~near~~ ⁱⁿ Rio Grande

14239 *Myiarchus crinitus* ♀ 202
dry ~~forest~~ ^{scrub} beach

14240 *Nigrospiza aurifrons meridionalis* (M) ♂ 140
dry ~~forest~~ ^{scrub} beach, ~~near~~ ⁱⁿ Rio Grande

14241 " " " (T.E.) ♂ 141

14242 " " " ♀ 138

14243 *Ramphocelus carbo altirostris* ♂ 174
dry ~~forest~~ ^{scrub} beach, ~~near~~ ⁱⁿ Rio Grande

14244 *Cissopis leveriana* ♀ 265
dry ~~forest~~ ^{scrub} beach

14245 *Buteo nattereri* ♀ 410
pale straw ~~forest~~ ^{scrub} beach, ~~near~~ ⁱⁿ Rio Grande

52-12

52-12

X

[52]

Palmar, July 8

Berto went down below Palmar, I went down river
in a boat and saw 200 birds. I left on July 9.
Mikeupit, Palmar, saw 1000 birds, Pigeon, Swift 85
a Warbler, 29, & each at 130.

14746 *Chlorothraupis olivacea frontata* - T.E. ♂ 170
brown black, with wide (long) blue (blue)

14747 " " " " ♀ 177

14748 *Xiphorhynchus ocellatus* ♀ 218
brown pale crown, dark, (brown), black below (blue) black

14749 *Leptoptila rufaxilla desmaresti* ♂ 275
blue, (brown) black (blue) black

14750 *Chlorothraupis olivacea frontata* ♀ 172
brown black (brown) blue

14751 *Procnias tricarunculata* " ♀ 110
brown black, blue, (brown) blue

14752 *Dysthunus malabaricus* ♂ 126
brown, (brown) blue, (brown) blue

14753 " " " " ♀ 127

14754 " " " " ♀ 126

14755 *Bucanetes githagineus* ♂ 146
brown (brown) yellowish brown

14756 " " " " ♀ 147

54-13

54-14)

X

14757 *Myiochorus virenticeps* ♀ 135
brown & black

* 14758 *Thalurania furcata beliv. (?)* ♀ 164
brown & black

* 14759 *Myiochorus virenticeps* ♂ 140
brown & black

14760 *Chiroxiphia parallela hololeuca* ♀ 136
brown & black with pink

14761 *Chlorospingus optimatus fuliginosus* ♀ 136
brown & black with pink

* 14762 *Xenops minutus obscurus* (T.E.) ♂ 134
brown black, pink below

* 14763 " " " " " ♀ 166
brown & black with pink below

14764 *Philydor erythrocercus subtilis* (T.E.) ♂ 182
brown & black, pink below & yellowish blue

14765 *Heterocercus ochropterus* R 200
brown black, pink below olive

* 14766 *Pachyramphus polychopterus niger (?)* ♂ 165
brown & black, pink below & leaden

14767 *Tanagra arthaea sulphurea* ♀ 145
brown & black & leaden

14768 " " " " " ♂ 149

59-15

59-15

X

[53]

14769 ^v *Haplospiza versicolor* (T.E.) ♂ 175
 brown t. black t. black

14770 ^v " " " (T.E.) ♂ 172

14771 ^v " " " ♀ 166

14772 ^v *Haplospiza amabilis* (T.E.) ♂ 197
 brown t. black t. brown t. dark brown

14773 ^v *Veniliornis affinis bicinctus* (T.E.) ♂ 198
 brown t. black t. blue below breast t. dark brown

14774 ^v *Conothraupis brunneitorques* (M) ♂ 142
 brown t. black t. blue

14775 ^v *Merulaxis eurycephalus* ♂ 233
 brown t. black t. blue at base t. brown t. blue

14776 ^v *Amazona mercenaria* ♀ 326
 red t. black t. gray t. blue t. black t. dark brown t. dark brown

14777 ^v *Rupicola peruviana s. tenuata* ♂ 372
 white t. orange t. yellow t. yellow

Palmar, July 9

Finca, dry t. worn, yellow in P. W. I. t. dark brown
 same place, yellow t. black t. same place, black t.
 t. blue t. white t. black t. black

14778 ^v *Pipra chloromeles* ♀ 122
 gray t. brown t. black t. pale brown below t. pale brown

14779 ^v *Myiospiza ornata* ♀ 135
 black t. black t. black t. blue below t. pale brown

63-16

63-16).

X

14780 ✓ *Scapanes trachelyopus* (T.S.E) ♂ 356

yellow) pale brown, blue, white & black.

14781 ✓ " " " ♂ 362

14782 ✓ *Arizelodes peruviana sativa* ♀ 360

red brown) black, tip orange } blue } white, pale yellow.

14783 ✓ *Pogonotrichus atlantis* ♀ 121

red brown) black, black blue below) yellow

14784 ✓ *Pipra* (green-brown) ♂ 102

red brown) black, pale brown black, black brown.

14785 ✓ *Compstilypis pitangua microura* (J.E) ♂ 115

black, green, blue, yellow brown

14786 ✓ *Leptodon superciliaris albiventris* ♀ 143

blue) black, black blue) brown

14787 ✓ *Myrmeciza hemimela* tanne ♂ 134

brown) black pale brown, blue

14788 ✓ " " " " ♂ 127

—) —) black blue

14789 ✓ *Dysithamnus mentalis faroana* ♀ 124

black, blue, brown, white) black, blue

14790 ✓ " " " " ♀ 125

brown) black

blue, red, yellow, except blue & white, black

66-17

66-17

X

[54]

14792 *Chrysopha perla retinaria* ♂ 141
 Found near small stream in the forest. ⁱⁿ

14793 *Phitoteras exithioides schizophorae* ♀ 173
 Found in the same place as last, near a small stream in the forest. ⁱⁿ

14794 *Cyphomyia* (No 14783) ♂ 164
 Red-brown with black stripes

14795 *Catolaccus fuscus maculatus* ♀ 185
 Found in the same place as last, near a small stream. ⁱⁿ

14796 *Heteromyces exanthematus* ♀ 195
 Found in the same place as last, near a small stream. ⁱⁿ

14797 " " " (T.E.) ♂ 205

14798 *Calostoma clavata preparata* (T.E) ♂ 186
 Found in the same place as last, near a small stream. ⁱⁿ

14799 " " " (T.E.) ♂ 180
 Found in the same place as last, near a small stream. ⁱⁿ

14800 *Platynotus annulus* (T.E) ♂ 195
 Found in the same place as last, near a small stream. ⁱⁿ

14801 *Rupicola peruviana saturata* ♂ 385
 Found in the same place as last, near a small stream. ⁱⁿ

67-17

67-17

X

Palmar, July 10

We all went to Palmar, Berto & Mike walking on the flat between the rivers, while I went up on the mountain side along road. I got up then Chamaezo, Conopophaga; Praemotac, & Basileuterus. Mike got 2 birds, the Parrot & Jay.

14802^v Cyanocorax cyanomelas
brown | t. | t.

♂ 379

* 14803^v Pionus menstruus (T.E.) ♂ 294
brown | black, and some red on the belly

* 14804^v Cephalopterus ornatus ♀ 460
pale blue-gray | black, darker blue below | darker black

14805 Coccyzus ch. chloropyga ♀ 118
brown | yellow & black | black

14806 Conopophaga a. ardissina ♀ 145
brown | black, dark blue | black

14807^v Basileuterus cinnaticeps (T.E.) ♂ 150
brown | t. | brownish yellow

14808^v Thamnophilus alegae ♀ 155
dark brown | t. | darker blue below | brownish tan

14809^v " " " ♀ 159

14810^v " " " ♀ 157

14811^v " " " " ♂ 160
brownish tan | black |

69-177

69-17

[55]

14812 ✓ *Prennophex brunneocens stictenotus* ♀ 142
brown | black | black and brown | dark brown

14813 ✓ *Thryophilus genibarbis bativianus* (T.E.) ♂ 163
rich brown | bl. border blue below, black below

14814 ✓ *Alcyadestes ruficollis* ♀ 185
brown | black | black, tan brown

* 14815 ✓ *Hirundo dimidiata* (T.E.) ♂ 160
brown | black | black

14816 ✓ *Elanoides albocinctus* ♀ 183
brown | yellow, brown | black tan | black | black

14817 ✓ *Xiphorhynchus ocellatus brevirostris* ♀ 201
brown | black tan, black at base, black | black | black

* 14818 ✓ *Chondestes grammacus bativianus* ♀ 225
brown | black, white at base | pale tan

14819 ✓ *Turdus chamaecolus* ♂ 232
brown | yellow | black, tan

14820 ✓ " " " ♀ 235
black, pale brown | white

14821 ✓ *Ramphocelus carbo atricapillus* ♀ 185
brown | black, dark brown | black

14822 ✓ *Craxocercus lesueuri* ♂ 225
yellow | black | white

72-18/a

72-18)

X

Palmar, July 11. (Sunday)

Rained all night last night & practically all day today. We worked, catalogued & packed all the birds taken. Chinned-gulls, oiled & stored in & posted most the books on the car. A full day for all four of us.

Palmar, July 12.

We all went over toward Botijai, birds & 3 tables full bright after a mile or so. Found birds up in there, but about 90% began to rain hard. Found a Red Bellied Pionril, which fed in a pond & was ruined. I lost my black & half the white got lost, but I only saw a few & lost 2 others about 12:30 & 1:30 P.M. Only had one Slender-billed, which nothing. 14823 Squirrel. (= *Zonotrichia*) [101] 350-176-45-22 ♂

14824 ✓ *Myiotheretes virentis* ♀ 140
(brown) (brown)

* 14825 ✓ *Myiotheretes griseatus* (monachus)
(brown) (brown) (brown) (brown) ♀ 110

14826 ✓ *Alauda leucosterna* spirurus ♀ 153
(brown) (brown) (brown) (brown) (brown) (brown)

14827 ✓ *Schiffornis turdinae* steinbachi (T.E.) ♂ 178
(grey) (brown) (brown) (brown) (brown)

14828 ✓ " " " (T.E.) ♂ 173

14829 ✓ " " " (T.E.) ♂ 181

* 14830 ✓ *Tangara gyrola catharinae* (T.E.) ♂ 149
(brown) (brown) (brown) (brown) (brown) (brown)

* 14831 ✓ *Oreopelia montana* ♂ 241
red orange) crimson, tib brown (brown) (brown) (brown)

25-18

75-181

26

[Set]

** ✓
14832 *Tinamus tau weddelli* (weight = 4.66.) (M) ♀ 530
brown) black, pale below (leaden blue.

14833 " " " (4 lbs.) 11 8550

Palmer, July 13

28 raised all yester. & today & next to night. This morning
it was foggy, dark, and cold. Went to the Vigor and, & Rosta
it. I went to the River, to see what the natives had. Bird
fairly numerous for this place. I tried to clear out all
in a row at Palawan, but the leaves were so I got 10
which I cleaned up 1100. The 21st

14834 ✓ *Limnophis longicauda australis* ♂ 112
Laport, London Bay, N.S. Nov. 1961

14835 ✓ 11 11 " " ♀ 112

14836 ✓ " " " 9112

14837 ✓ location is (?) (T.M.E.) ♂ juv
white) (yellow) (brown) (blue) (red)

* 14838 *Thyrsopsis* *s. sphaerocarpa* ♂ 150
fru. & styl. slender, the style & style hair

14839 ✓ *Symploca cabanisi Schinelleri* (T.E.) 8 160
Lengel A., dunkelgrün | grün | hellgrün

14840 ✓ *Thamnophilus grayi* (laying) ♀ 158
Laniellus grayi ~~laniellus~~ ^{laniellus} ~~grayi~~ ^{grayi} ~~laniellus~~ ^{laniellus} ~~grayi~~ ^{grayi}

14841 ✓ " " £1.60

76-19 straw \ fl., back blue below) leaden blue
14842 " " (T.E.) ♂ 1.52

774-19

X

77-19

77-19

X

[57]

Palmer, July 14.

Brooks & Snodgrass were on road to Lodi, Calif. New area with hills. We got back about 12:30. Went very scarce. Walked down along river, about 1 Serpophaga.

14855 ✓ *Phylidor erythrocercus* subsp. *subtilis* ♀ 177
(brown) ♂, black, blue below, white above.

14856 " " " " ♂ 180

14857 " " " " (T.E.) ♂ 181

14858 ✓ *Myiolynastes ochrysocephalus* ♀ 232
(brown) ♂, black, blue below, white above.

14859 ✓ *Automolus o. ochrolaemus* ♀ 198
(brown) black, blue below, white above.

14860 ✓ *Chlorothraupis clivosa frontata* (T.E.) ♂ 190
(brown) ♂, black, blue below, white above.

14861 ✓ *Habia rubica amabilis* (T.E.) ♂ 197
(brown) ♂, black, blue below, white above.

14862 ✓ " " " " (T.E.) ♂ 196

14863 ✓ " " " " ♀ 183
— (brown) ♂, black, blue below, white above.

77-19

14864 ✓ *Schiffornis tordinus steni* ♀ 174
hazel ♂, black, blue below, white above.

77-19

14865 *Serpophaga cinerea* ♂ 118
(brown) ♂, black, blue below, white above.

79-19

X

14866 ✓ " Thrush"

♂ 154

brown | b, white down below | leaden olive

14867 ✓ " " "

♀ 161

14868 ✓ *Pagonotriccus g. Honis* (T.E.) ♂ 129

ad. brown | b, white down below | pale leaden blue

14869 ✓ *Leptopogon superciliosus albidiventer* ♀ 140

brown | b | leaden blue

14870 ✓ *Tanysa xanthogaster ruficeps* ♀ 110

brown | b, leaden blue below (rarely) | leaden blue

14871 ✓ *Conopophaga a. a. desmaresti* ♀ 145

brown | b, flesh colored | pale leaden blue

14872 ✓ *Pipra chloroleuca* ♀ 119

white | b, flesh below rarely | dusky flesh

14873 ✓ " " " ♀ 122

brown | - | dull leaden blue

14874 ✓ *Chiroxiphia pareola* ♂ 139

brown | b | purplish brown

14875 ✓ *Chlorophanes spiza caeruleopectus* ♂ 153red | b, ^{leaving} yellow below | olive green14876 ✓ *Tanysa acutirostris cathartica* ♂ 145

brown | b, pale brown below rarely | leaden blue

14877 ✓ " " " ♂ 142

78-19

14878 ✓ " " " " ♀ 139

78-19)

X

[58]

14879 *Tangara arthus sulphurea*
brownish leaden blue

♂ 152

14880 *Xiphorhynchus ocellatus brevirostris*
brown pale brown blackish on ridge leaden

♂

Palmar, July 15

Berto went over toward Bolívar, while I drove along river (got 2 *Serpophaga*), while I went on back up to Leticia old camp & searched on mountain side. I did not get back till 130, saw a hawk on estate in station around 1200, and up hill at 930. Too late to find birds, & saw nothing very scarce. Only got 17 birds. Day fine & sunny till 1 PM. then cloudy. No rain today at all, but cloudy in PM.

[18]

14881 *Agouti* 540-26-125-41-014882 *Rupicola peruviana saturata* ♂ 372
white (orange) yellow14883 " " " " " ♀ 366
pale brown black, tips orange (brownish black)14884 *Piaya cayana obscura* ♂ 475
earring pale greenish leaden blue* 14885 *Heliodoxa leadbeateri* tero ♀ 121
brownish14886 *Serophaia cinnerea* ♂ 117
brownish14887 " " " " " an ♀ 108

79-19)

79-19

14888 ✓ *Pagonotriacus affinis* ♂ 131
 Found by, dark brown, thin dark brown line

14889 ✓ " " " ♀ 123

14890 ✓ *Chrysophlebis pitangua* multicolor ♀ 112
 Found by, yellowish brown, brownish yellow

14891 ✓ " " " (T.E.) ♂ 114

14892 ✓ *Alinculus maculatus* affinis ♀ 122
 Found by, dark brown, thin dark brown line

* 14893 ✓ *Microtarsus lineatus* (T.E.) ♂ —
 blue on white, white on blue

14894 ✓ *Microtarsus tyranulus* affinis ♀ 206
 Found by, blue

14895 ✓ *Xantholæmus acutirostris brevirostris* ♀ 210
 Found by, dark brown, brown, blue, brown blue, brown

14896 ✓ " " " (T.E.) ♂ 220

14897 ✓ " " " (T.E.) ♂ 230

14898 *Veniliornis affinis haematostigma* ♀ 182
 Found by, brown, black, brown, brown

* 14899 *Halocyptorhynchus dentiferus* ♀ 388
 Found by, black, dark crimson, brown, brown
 + orange, upper part, blue

82-19

82-19

X

[54]

14900 ✓ *Holcocephala leuconota*

♀ 387

14901 ✓ " "

♂ 421

Palmar, July 16.

Boats went down San Shitao trail & didn't find
but got only 9 birds & nothing of importance;
Drove to Palmar & walked in Restarea &
got 6 - nice & nothing. Day bright &
clear & quite hot & this was, I think, at
noon. No rain last night.

14902 ✓ *Cathartes aura maculatus*

♂ 182

(brown, grey, red, and black) young

14903 ✓ *Coracopsis b. albicollis*

♀ 137

(brown, grey, black) young

14904 ✓ *Pogonornis ottensis*

♀ 120

(brown, grey, black) pale green back

* 14905 ✓ *Tchagra a. albiducha* ♂ 148

(grey) ♂, black back, blue

14906 ✓ *Tanagra n. nigriceps* ♀ 110

(brown, grey, black) blue

14907 ✓ *Pitta c. remipes*

♂ 123

(white) dark brown face, blue below, blue

14908 ✓ *Turdus a. australis*

♂ 238

(brown) blackish above, yellowish below, dark tail

83-19

83-19

X

14907 ✓ *Pholidos testaceus subtilis* (FE) ♂ 188
 Found 10 miles from town of La Candelaria, Colombia

14910 ✓ *Vultur gryphus occidentalis imatus* ♂ 230
 Found 10 miles from town of La Candelaria, Colombia

14911 ✓ *Haliaeetus leucocephalus* ♀
 Found 10 miles from town of La Candelaria, Colombia

14912 ✓ *Nomia rufa capensis* ♂ 184
 Found 10 miles from town of La Candelaria, Colombia

14913 ✓ *Torquata torquata* ♀ 171
 Found 10 miles from town of La Candelaria, Colombia

14914 ✓ *Thraupis palliata* ♀ 182
 Found 10 miles from town of La Candelaria, Colombia

14915 ✓ *Phaethornis eurynome* ♀ 187
 Found 10 miles from town of La Candelaria, Colombia

14916 ✓ *Phaethornis eurynome* ♀ 183
 Found 10 miles from town of La Candelaria, Colombia

83-19

83-19

X

Eco

Palmar, July 17

Spent most of the day in the jungle, according to the guide we went to the river, then went to a 12 foot tall palm. Pelt came down with a net & caught a bunch, we then went about 1/2 mile westward through the jungle & got 100% of the Xiphocelaptes.

14917 ✓ *Scapularis trichophrys* Fin 320

Black above, tan below with black line

14918 ✓ *Xiphocelaptes eremicus obsoletus* ♂ 330

Black above, tan below with black line

14919 ✓ *Phaethornis longuemareus* ♂ tail
long

Black, tan below with black line

14920 ✓ *Phaethornis nitidatus* (T.E.) ♂ 145

Black, tan below with black line

14921 ✓ " (T.E.) ♂ 142

14922 ✓ *Alcyornis t. leucotis australis* ♂ 112

Black, tan below with black line

14923 ✓ *Leucosticte* (T.E.) ♂ 113

Black, tan below with black line

14924 ✓ *Smilaxis cabanisi fuliginosus* ♂ 157

Black, tan below with black line

14925 " " " (T.E.) ♂ 159

84-19

84-19

X

14926 ✓ *Conopophaga albogularis* ♀ 138
brown, black, blue, yellow, green, blue

14927 ✓ *Alygiastiza viridis* ♀ 126
brown, black, blue, yellow, green, blue

14928 ✓ *Todus angustirostris* ♀ 238
blue, green, yellow, black, white

14929 ✓ *Thraupis ornata* ♀ 158
brown, black, blue, yellow, green

14930 ✓ *Thraupis ornata* (T.E.) ♂ 150
blue, black, white, yellow, green

14931 ✓ " " (Incubating) ♀ 150
brown, black, blue, yellow, green

14932 ✓ *Pyrilia haematonota* (T.E.) ♂ 183
blue, black, white, yellow, green

14933 ✓ *Fregata spadicea* (T.E.) ♂ 204
brown, black, white, yellow, green

14934 ✓ *Myiotheretes albiventris* ♀ 152
brown, black, white, yellow, green, blue

14935 ✓ " " ♂ 155

84-19

84-19

[61]

Palmar, July 18 (Sunday)

We all went in truck over to the Rio Ibirizé, working at different points along the road, near river. Day beautiful & clear & quite hot at midday. Nutke got the 2 monkeys, Pyrrhura & 1 small bird. I had 8 & Berto rest. Slightly cloudy late in P.M., but no rain. No rain last night either.

[2-3] ✓

14936 Nocturnal ManKen 705-370-100-31-♂

[3-8] ✓

14937 " " 660-340-89-31-♀

14938 ✓ *Basileuterus rufifrons* ♀ 145
brown & yellow14939 ✓ *Dysthramus mentalis torquatus* ♀ 128
brown, black & white, blue

14940 " " " " ♀ 132

14941 ✓ *Thamnophilus arremon* ♀ 160
gray-brown & yellow, blue** 14942 *Thamnophilus* (T. e.) ♂ 151
brown & white

14943 " " " " ♀ 150

14944 ✓ *Conothlypis fitchii melanops* ♀ 109
brown, white, blue14945 ✓ *Tachyphonus rufus* (T.E) ♂ 141
brown, white, blue

14946 " " " " (T.E) ♂ 138

14947 " " " " ♂ 140

85-20

85-20

14948 ✓ *Tachyphonus rufus* ♀ 136
(Samara male)
* 14949 ✓ *Pachycephala flavigularis* (T.E.) ♂ 135
(brown) black head, white with yellow forehead
14950 ✓ *Atelodicea cyanoptera* (?) ♂ 131
(brown) blue flanks, white belly, blue crown
* 14951 ✓ *Dicaeum virens glaucogularis* (T.E.) ♂ 131
red-brown breast, blue belly, blue on back, blue on flanks
14952 ✓ " " " ♂ 133
(brown) blue on back, blue on flanks
14953 ✓ *Lanius meruloides* (T.E.) ♂ 176
(brown) blue
* 14954 ✓ *Tanagra cyanicollis* ♂ 139
(brown) blue, white belly, blue on back, blue on flanks
14955 ✓ " " schrunki (T.E.) ♂ 140
(brown) blue, white belly, blue on back, blue on flanks
14956 ✓ " " " ♀ 129
(brown) blue, white belly, blue on back, blue on flanks
14957 ✓ " " ceciliae (T.E.) ♂ 156
(brown) blue, white belly, blue on back, blue on flanks
14958 ✓ *Alcyornis aurifrons* (T.E.) ♂ 142
(brown) blue, white belly, blue on back, blue on flanks
14959 ✓ *Habia rubica amabilis* (T.E.) ♂ 198
(brown) blue, white belly, blue on back, blue on flanks
88-20

Palmar, July 19

We did not go out today, but dried, labelled & packed
birds & did odd jobs all day.

88-20

[62]

14960 ✓ *Pyrilia haematonota*

brown (b) leaden blue (b)

Palmar, July 20.

We went over beyond Bolívar & shot the 2 Turkeys
& the Titya. Bert & I went to Palmar & the cut across
in the San Antonio Road, but got only 5 birds, including
the Rupicola. I shot in Estoye of Palmar & got
14 birds & the monkeys back at 12:30. Fine sunny day.

**

14961 *Pauxis pauxi* (Carruncle) (8 pounds) ♀ 905,
brown (b) crimson salmon, caruncle leaden blue (b) pink salmon

14962 " " "

(M) ♂ 945

14963 ✓ *Thryothorus genibarbis boliviensis* (T.E.) ♂ 157
and brown (b) leaden blue (b) leaden blue

14964 ✓ *Synallaxis collaris; filiventer* (T.E.) ♂ 162
brown (b) leaden blue (b) white

14965 *Myrmeciza l. berlepschiae* ♂ 129
brown (b) leaden blue

14966 " " " " in ♂ 134
brown (b) leaden blue

14967 *Myiotherula longicauda australis* ♀ 114
brown (b) leaden blue (b) l. b.

14968 " " " " ♀ 114

14969 ✓ *Todirostrum chrysocrotaphum* — ♀ 98
89-21 brown (b) leaden

89-21

X

14970 ✓ *Lophotriccus* (T.E.) ♂ 111
 (stomach) blackish, pinkish, brownish, leaden blue

14971 ✓ *Compsythlypis pitius* melanocephala ♀ 109
 brownish, yellowish, pinkish, brown

14972 ✓ *Dysthampus n. t.* tauri (T.E.) ♂ 127
 brownish, blackish, pinkish, brown

14973 ✓ *Conopophaga ardens* (T.E.) ♂ 140
 brownish, blackish, pinkish, brown

14974 ✓ *Thamnophilus arcanus* ♂ 152
 (stomach) brownish, blackish, leaden blue

14975 ✓ *Caerulescens chloropyga* (T.E.) ♂ 113
 brownish, blackish, leaden

14976 ✓ *Myiospiza murina* ♀ 137
 brownish, blackish, leaden blue

14977 ✓ *Tanagra xanthocephala* nigriceps ♂ 122
 brownish, blackish, blackish, brownish, leaden

14978 *Myiarchus cephalotes* (Linnaeus) (T.E.) ♂ 192
 brownish, blackish, blackish

14979 ✓ *Pygmyzela leuconota* hellmayri (T.E.) ♂ 195
 pinkish, blackish, blackish

14980 ✓ *Tyrannus m. melanochelius* ♀ 223
 brownish, blackish

89-21

89-21

X

[c3]

* 14981 *Tityra semifasciata fortis* (T.E.) ♂ 245
 red-brown \ purple and cinnamon, black on primaries ^{that} black
 (black around eye)

14982 *Rupicola peruviana satara* ♂ 385
 pale blue \ orange \ yellow

[4-5] ✓

14983 Agouti Skin lost - skull preserved. 545-31-125-45 ♀

Palmar, July 21.

A fine clear day, but cold in AM, at 6 AM,
 it was 15° C., but soon warmed up after sun
 rose. I had a visit from the Condor, probably more
 than an hour today. He alighted in a bush alone
 and was treated like a king. I left the monkey
 + 4 h. + 7 min. if it is true because + 2 small
 birds, but no "disturbance" at.

Yesterday we were all day, but today we are doing
 + our main business. Today for 1 h., but last 7 h.

[5]

14984 Nocturnal Monkey 645-325-90-33 ♀

[8-5]

14985 " " " 665-335-102-34 ♂

[9-5]

14986 " " " 620-330-92-32 wif

14987 *Schiffornis turdinae steinbachi* ♀ 172
 brown \ t, pale brown (in belly) black

14988 " " " " " ♀ 170

14989 *Glyptotheculus spinurus* ♂ 155
 brown \ black from below (dark) down

90-21

90-21

X

14990 ✓ *Tanagra xantho*, star refecos ♀ 115
brown, black, blue, yellow, green, blue

14991 ✓ *Habia fuscicauda* (T.M.E.) ♂ 185
brown, black, yellow, green, blue

14992 ✓ *Ptiliopus erythrocercus*, Flores (T.E.) ♂ 125
brown, black, blue, yellow, green, blue

14993 ✓ *Alionotoxus marginatus belii* ♀ 123
brown, black, blue, yellow, dark green

* 14994 ✓ *Thrichothraupis ruficapilla* ♂ 180
brown, black, blue, yellow, blue

14995 ✓ *Tanagra maculosa dominica* ♂ 113
brown, black, blue, yellow, blue

14996 ✓ *Tanagra aethes*, Sophia ♀ 145
brown, black, yellow, blue

14997 ✓ " " " " ♂ 147

14998 ✓ " " " " ? 146

14999 ✓ *Arpicola galvinia guttata* ♀ 362
brown, black, yellow, green, blue

15000 ✓ *Scapularia trachylepides* ♀ 360
brown, black, blue, red, yellow, orange

15001 ✓ *Halcyon smyrnensis* ♂ 410
brown, black, dark green, blue, yellow

15002 ✓ " " " " ♂ 414

91-21

91-21

Palmar - July 22

A terrible rainstorm came up about 8 AM, + went on & got
gray washed to the gills. Much hunting but no game + got
back with little hunting.

[64]

(102)

15003 Squirrel 290-181-44-23 ♂

(103) ✓

15004 " 340-180-52-24 ♀ (adult)

15005 ✓ *Microcerculus marginatus* Valv. ♀ 118
Lined, blackish brownish blackish.

Palmar, July 23.

The "Surrage" continued all day today, with light
drizzling rain + low temperature. Yesterday Temp. dropped
to 17°C ., but this morning was 14° + by 6 P.M. had
dropped to 10°C . (= 50°F .) It was out of the question
to think of trying to collect, so we spent day in
loading up all the 32 cartridges (450).

Went to Palmar in afternoon with don Oscar to see
about mules, + was lucky to meet a large "requa"
just arriving from Toda Santa, + going back from here.
Secured 8 of his 15 mules, + we leave day after tomorrow.

Palmar, July 24

Spent day drying + packing specimens + equipment
for trip to Toda Santa tomorrow. The "Surrage"
continued today, but without rain. Low clouds
+ cold wind from below. Temp. 11°C .

Learned later that mules left early this morning
without advising anyone; so we are detained again.

91-21

Palmar, July 25.

Beato + I went over to Toda Santa this morning
earlier to see if possible to get mules there for
trip, but unsuccessful. We then went on short trip
to town, did some shopping, etc. + came
back at 1 P.M. Ruth and I, Palmar
+ got 3 birds. Day almost clear, but cold.

91-211

✓ 15006 *Thryothorus gerribensis* bistr. ♀ 155
brown, black, white, black and white

* ✓ 15007 *Ahaeocercus* ctenatus ♀ 460
dark brown, black and white

✓ 15008 *Leptotriches* (T.E.) ♂ 116
brown, black, white, black and white

✓ 15009 *Macropygia tenuirostris* ♀ 111
brown, black, white, black and white

✓ 15010 *Syndactylus colombianus* ♂ 164
brown, black, white, black and white

✓ 15011 *Sulphur macrourus* ♀ 210
brown, black, white, black and white

✓ 15012 *Heterodorus ceculatus* (T.M.E.) ♂ 200
brown, black, white, black and white

✓ 15013 *Tachymenoides* (T.E.) ♂ 151
brown, black, white, black and white

✓ 15014 " " " " ♀ 144

✓ 15015 " " " " ♀ 135

✓ 15016 *Amazilia gularis* fulvifrons ♀ 136
brown, black, white, black and white, pale brown

✓ 15017 *Tangara schistochroa* (♀) 136
brown, black, white, black and white, usually black and white

92-21

92-21

[65]

15018 *Citellus leporinus*
yellowish

♀ 224

Palmar, July 26

Boots went over Bolivian way & got 4 squirrels
to 8 lbs, nothing new. Will do nothing.
Dread to Palmar to see the jaguars about
giving me a taste & collected by then. Bent's
most abundant than I have ever seen them
here. 2 ♀ & 11 ♂ four new for this locality.

Back at 12, one in first tree, it was a full
clear day but soon the dulling clouds.

Temp. this morning 12° & at noon 20°

[10]

15019 Squirrel

375-190-50-22

♀

[11]

15020 "

370-175-49-21 $\frac{1}{2}$ ♂

[12]

15021 "

350-165-52-24 ♂

[13]

15022 "

370-188-50-21 ♂

15023 *Xiphorhynchus ocellatus brevirostris* (T.E.) ♂ 222
brown & pale brown, dusky at tail, brownish below [thin layer
*]

15024 *Kais goimeti*

b. blackish

♀ 85

15025 *Xanthomyias s. sclateri*

♂ 136

brown & black below [thin layer

15026 *Dysithamnus mentalis tavarae* (T.E.) ♂ 125
94-21 brown & leaden blue

94-21

* 15027 ✓ *Elaenia parvirostris* (?) ♂ 155
brown & b, black ~~black~~ black & brown

15028 ✓ *Coereba c. chlorophrys* ♂ 109
brown & b \ leaden

15029 ✓ " " " " ♀ 105

* 15030 ✓ *Sporophila c. castaneiventris* ♂ 111
brown & b \ leaden

15031 ✓ *Pachyramphus polychopterus* spixi ♂ 163
brown & b \ leaden & brown & leaden

15032 ✓ *Habia fuscicauda amabilis* (T.E.) ♂ 105
brown & b, brown, leaden, brown, brown

15033 ✓ *Trochilus polytmus* ♀ 236
brown & b, brown & leaden

15034 ✓ *Trochilus nigriceps* ♂ 221
brown & b, yellow, yellow, white & black

* 15035 ✓ *Thraupis palmarum melanoptera* ♀ 197
brown & b, slate, slate & leaden

15036 ✓ *Alycioides chrysocophalus* ♀ 222
brown & b, black & tan below & dark leaden

15037 ✓ *Tanagra xanthogaster ruficeps* ♂ 122
brown & b, leaden blue below, black & leaden

15038 ✓ *Tangara gyrolaides catherinae* ♂ 147
brown & blackish, black & tan below & leaden

07-21

97-21

[66]

15039 *Tanagra schistacea* (T. E.) ♂ 134
brown & blue (sooty) cinnamon

15040 *Tanagra cyanocollis* ♂ 134
brown & dark blue

15041 " " " ♂ 136

Palmar. July 27

Mules arrived for us last night, sent down by the "Corregidor" of Palmar. Today we are packing up everything for departure early tomorrow morning.

28 is a 3 day journey northwards from here to Toda Santa & the road is very muddy.

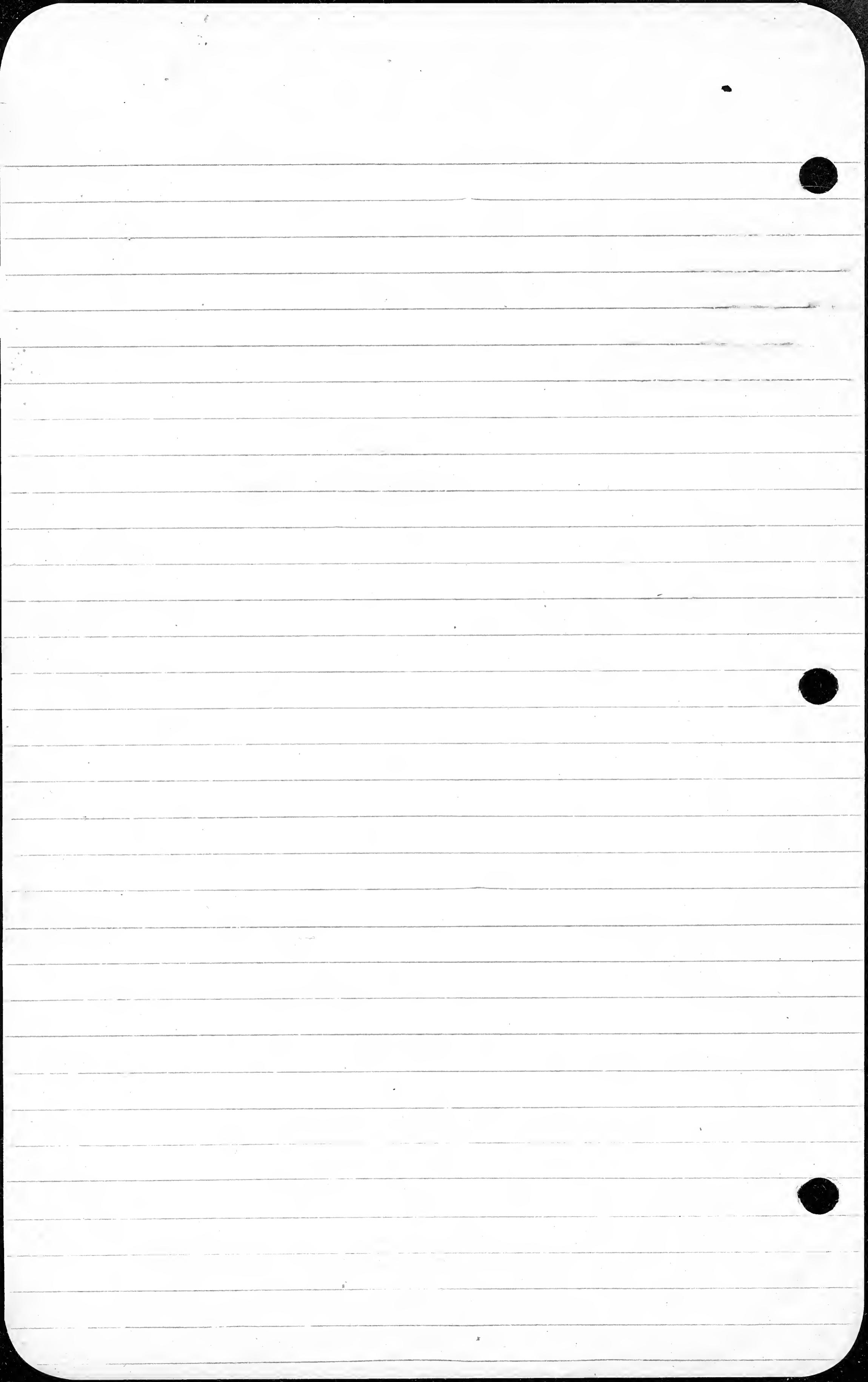
	Total Skins	Total Sp.	Spec. new	To coll.	Mammals
Chaves to Zucachaca	917	208	45	45	18
Palmar (mammals, univ.)	420	97	21	21	16
	1337	305	66	67	34
			85	21	
			392	67	

127 species taken at Palmar

14 " additional observed

Palmar, July 28 to 30 inclusive

On road from Palmar to Toda Santa, where we arrived at 3 P.M. on the 30th.



X

[67]

Altitude = 1000 ft.

(26) Todos Santos, Rio Chiquito, July 31, 1937

Bester & Muñoz went shooting, author & stayed in to write up some field notes from Palmeras. Partly cloudy in forenoon, clear in P.M. *Thraupis glaudiae* (5) common.15042. *Pepelnia leucomelas* (?) ♀ 90
black) black** ✓ 15043 *Hypothymis imberbis maculicauda* (T.E.) ♂ 109
b, gray (black below) (black) black* ✓ 15044 *Hypothymis maculicauda* ♂ 136
gray) b, leaden below) leaden blue** ✓ 15045 *Myrmeciza atrothorax melanura* ♂ 153
brown) b) leaden blue.* ✓ 15046 *Myiochanes cinereos* ♂ 154
brown) b, black below) b.15047 ✓ *Thryothorus genibarbis boliviensis* (T.E.) ♂ 155
gray-brown) b, leaden blue below) leaden** ✓ 15048 *Taraba m. major* ♂ 216
carmine) b) leaden blue15049 ✓ " " " ♀ 218
—) —, leaden blue belly, tip black) —15050 ✓ *Thlypopsis s. sordida* ♂ ⁱⁿ 145
brown) black belly, black wing (leaden blue* ✓ 15051 *Myiarchus pelzelni ferocior* ♀ 219
brown) black, brown, leaden) b

7-4

* 15052 *Cyanerpes cyaneus microstrophus* ♂ 130
brown (t-b) lemon yellow

15053 " " " " ♀ 115
" " olive

15054 " " " " ♀ 120

* 15055 *Xiphorhynchus guttatus l'orbignyanus* ♀ 255
brown (blue white, dark olive) blue black

15056 " " " " ♀ 258

15057 *Buteo nattereri* ♀ 407
straw (brown blue, ridge black) gamboge

** 15058 " Flycatcher" (?) 115
brown (t-b, dark brown below) leaden blue

15059 *Myiospiza imitatrix* ♀ 139
brown (t-b, brown blue below) dull bluish black

15060 " " " (T.E.) ♂ 143

15061 *Myiarchus tyrannulus obsoletus* ♂ 218
brown (t-b) dark leaden

15062 *Thlypopsis sordida* " ♂ 142
brown (brown blue below) t.b.

* 15063 *Manasa nigrifrons* ♀ 302
brown (brown) dark leaden

15064 " " " ♂ 286

7-5

11-5

X

[68]

✓

* 15065 *Trogonurus variegatus boliviensis*(?) ♂ 256
brown \ black white \ leaden blue

*

* 15066 ✓ *Crotophaga ani* ♂ 350
brown \ black \ black

15067 ✓ " " " ♀ 330

15068 ✓ *Ostirnops dominicus maculatus* ♂ 423
blue \ pale grey yellow \ black
(19 species)

(26) Todos Santos, Aug. 1 (Sunday)

20° used as min to make petition (33° Am = 22½° C.
burning birds kept on the way added)
out. Mike & Mike went shooting, Mike at 11
11 Am with 20 birds, Mike at 11:30 with 6 birds
By 10 Am clouds (100%) cleared away, & first sun.

15069 ✓ *Hagyrtina fimbriata nigericauda* ♂ 108
black, pink flesh below ^{top grey} black

15070 ✓ " " " " ♀ 102

15071 ✓ " " " " ♀ 102

* 15072 ✓ *Todirostrum latinotatus* (M) ♂ 112
brown \ black \ black blue

15073 ✓ *Myiochanes cinereus* ♀ 142
brown \ black, pink flesh below black

* 15074 ✓ *Thamnophilus palliatus punctatus* ♂ 173
blue gray \ black, leaden green below \ leaden blue

15-5

X

15075 *Traubia m. major* ♂ 220
 brown) t. \ leaden blue

15076 " " " ♀ 215
 brown) t. leaden blue below (basally) ~~blue~~

15077 *Saltator maximus* ♂ 219
 brown) t. leaden blue below (basally) blue in base

15078 *Craniolæca g. guttata* ♂ 162
 brown) blackish, pale brownish below \ yellowish blue

15079 *Campylorhynchus trochilirostris dorsalis* ♀ 268
 brown) clear reddish brown, dimly at gray, pale blue) blue

15080 *Cyanocephala caerulea nivorbrychum* ♂ 117
 brown) t. \ blue + yellow

15081 ✓ " " " ♀ 119
 brown) - \ pale blue green

15082 *Chlorophanes spiza cyanocephala* ♂ 152
 brown) yellowish blue \ leaden blue

15083 *Dryobates montalicus taczanowii* ♀ 121
 brown) blackish blue \ leaden blue

15084 *Pipra f. fasciicauda* ^{purple} ♂ 122
 brown) t. leaden blue basally + blue \ blue

15085 *Casiornis* (?) ^(?) ^(?) 190
 brown) dusky flesh, basally, black + gray) leaden

18-7

18-7

X

[69]

* 15086 *Myiodynastes solitarius* ♂ 230
 brown t., pinkish (metheba) leaden

** 15087 *Capito auratus insperatus* (T.E.) ♂ 195
 carmine | black, leaden blue below (parallel) leaden blue

* 15088 *Pitangus sulphuratus maximiliani* ♂ 267
 brown t. | t.

15089 *Pionus menstruus* ♂ 261
 brown t., red spot on side of face | duty leaden blue

** 15090 *Gymnastinops yucacae* (M) ♂ 533
 brown t., top orange t. | naked skin pink, flesh

15091 " " ♀ 445

* 15092 *Brotogeris dorsalis* ♀ 205
 brown | brown, black | flesh

* 15093 *Cacicus cela* (T.E.) ♂ 295
 blue | pale yellowish, pea green | t.

15094 " " ♀ 247
 (16 more species)

24-9

24-9

X

Todos Santos, Aug 2.

Cloudy all the morning, with an occasional bright sun.
 Spent day at beach in light boat. Took up 3000 m. dredge.
 Dredged along coast to west. Went to SW, then west.
 Took 3000 m. dredge down. Dredged 10 fms. with 13 dredge
 (Wood) 1000 m. and 1000 m. with 13 dredge.
 Went to beach at 3 p.m. to catch fish.

The fish were good and the catch consisted of
 species of sand eel and little else.

Caught 10 m. at 11 with dredge, 2000 m. with 13 dredge.
 Rest of " " at

* 15095 ✓ *Hydropsalis tanakata* furcifer ♂ 433

lunatoides (brown) pale yellow

15096 ✓ " " " ♂ Jan 220

15097 ✓ " " " " ♀ 280

15098 ✓ " " " " ♀ 265

* 15099 ✓ *Pedagera microstoma* ♂ 302
 brown black \ dark brown

15100 ✓ " " " " ♂ 300

15101 ✓ " " " " ♂ 295

15102 ✓ " " " " ♂ 305

15103 ✓ *Tetraodon latifrons* ♂ 110
 brown \ t pale brown blue

* 15104 ✓ *Hypostomus flavescens* collinsi ♂ 122
 brown \ t, pale blue \ olive yellow

15105 " " " " ♀ 126

27-9

27-9

X

[70]

* 15106 *Nymphaea l. Leucophrys* ♀ 143
brown \ b) leaden blue

* 15107 *Cnemidocarpus resinatus binotatus* ♂ 139
brown \ b, white \ b, blue \ b

* 15108 *Muscicariola floratilis* ♂ 141
brown \ b, leaden blue \ b

[147] 15109 ✓ *Squinel* (Leydig & Kell) 500-250-65-31 ♀
red brown \ b, leaden blue \ b \ b

15110 *Thaumophiles s. scistaceus* ♂ 152
red brown \ b, leaden blue \ b \ b

15111 ✓ *Thryothorus genibarbis bolivi* ♂ 162
brown \ b, leaden blue \ b \ b

15112 ✓ *Syntheris cabanisi leuventris* ♂ 160
red brown \ b, white \ b, black \ b, blue

** 15113 *Coccyga vitta chloris* ♀ 284
carmine (blue eyes) brown \ b, white \ b, blue

15114 ✓ *Thlypopsis s. cordata* (M) ♀ 135
brown \ b, leaden blue, black \ b, white \ b-R

** 15115 ✓ *Paroaria galap. ornata* ♂ 120
black \ b, blue \ b, white \ b

* 15116 ✓ *Pachyramphus polychopterus nigr* ♂ 167
brown \ leaden blue \ leaden

33-11

33-11

X

*

15117 *Hylephylax naevius integrifrons* TATA ♂ 125
from (b) flock

15118 " " " ♂ 127

15119 " " " ♀ 132

15120 *Myrmelastus myotherinus* ♂ 140
from Vt. flocks down

15121 *Xiphorhynchus occipitalis* ♀ 206
from flocks (b) and (c) down

15122 *Eucmetes punctata albicollis* ♂ 195
from (b) and (c) down

15123 " " " " ♀ 185

15124 *Habia rubica maculalis* ♀ 190
from (b) and (c) down dark

15125 *Cryptopallas strigula* (T.E.) (M) ♂ 330
from (b) and (c) down

15126 *P. fl. japonica* ♂ 825
from black male below white black
(18 min species) black pink blood

15127 *Kenkey (Fee-tee)* 605-365-80-26 ♀

15128 " " " 525-325-68-25 ♀ from

37-11

37-11

X

GJ

Todos Santos, Aug. 3

Clear, hot day. All three collected. Worked across creek on "Island", ~~Mike~~ & Berto up road on both sides. Mike stayed in to clean the monkeys feet from yesterday & sum the birds.

15129 ✓ *Taraba major*. ♀ 227
 carmine) black, blue, blue, blue, hairy

15130 ✓ *Xiphorhynchus guttatus dorsalis* ♀ 258
 brown) whitish blue, downy all down) leaden

15131 ✓ " " " (T.M.E.) ♂ 225

E171

15132 ✓ Squirrel 510-252-64-31 -♂-

15133 ✓ *Thryothorus genibarbis boliv.* ♀ 2155
 hazel) b., leaden blue, blue) leaden, blue

15134 ✓ *Myrmoborus leucophrys* ♂ 148
 down) -) leaden blue

15135 ✓ " " " " ♂ 154

15136 ✓ " " " " ♀ 145

15137 ✓ *Aegithina tiphiata nigri* ♀ 106
 t., pink flesh, blue, t., black) b.

15138 ✓ " " " " (T.M.E.) ♂ 107

*15139 ✓ *Phaethornis tr. hispidus* ♂ 156
 black, dark, yellow below) b-

38-11

38-111

1

大清

15140 *Nymphaea brachyura* ♂ 90
brown, blue, pink, yellow, blue, olive

15141 *Hyponephele flavescens collinsi* ♂ 127
brown, blue, pink, yellow, blue, olive

15142 *Hylophylax naevia inexpectata* ♀ 122
brown, blue, pink

* 15143 *Geothlypis aquatica velata* ♂ 140
brown, blue, pink, yellow, blue, olive

15144 *Empidonax hammondi hammondi* ♀ 115
brown, blue, pink, yellow, blue, olive
blue, white, pink, yellow, blue, olive
brown, blue, pink, yellow, blue, olive
brown, blue, pink, yellow, blue, olive

* 15145 *Tyrannus tyrannus* ♂ 116
brown, blue, pink, yellow, blue, olive

* 15146 *Pitangus sulphuratus amazone* ♂ 137
brown, blue, pink, yellow, blue, olive

15147 *Piranga olivacea* (L.) ♂ 118
brown, blue, pink

* 15148 *Colonia colonus nivalis* ♀ 235
brown, blue, pink

15149 *Thraupis palliata s. schistacea* ♂ 156
brown, blue, pink, yellow, blue, olive

43-12

[72]

15150 *Thamnophilus palliatus* juv. ♂ 168
Shrub & tree in dense leafy forest

* 15151 *Formicarius analis* ♀ 700
Forest floor

15152 *Neopelma sulphureiventer* (TE) ♂ 155
Forest floor (blackish, dull, pale yellow) dense thick

15153 ✓ " (TE) ♂ 156

* 15154 *Sporophila caerulescens* (?) ♂ 121
Forest floor, dense leafy, leafy forest

* 15155 *Galbulia rufocinnamomea heterogyna* (AD) ♂ 241
Forest floor

15156 *Gymnastinops leucurus* ♀ 457
Forest floor, type salmon red, (1 more species)

• Todus Santos, Aug 4

Rained to and from, vegetation inf. east, in between
creek river. 5N 12W, including Pungo, Tucumao & Tungo
Mucho and 7, including Taka, Tukumut, and Chal, Lind
flying field, Busto and May, and in Lector valley.

• Slightly cloudy in early morning, after rain clear, with
light cumulus clouds, sun bright over most day
afternoon

** 15157 *Hylorchilus cyanurus rostratus* ♀ 97
Black, purple flesh like, tip black & black

48-14

10

15158 *Habenaria flavaeana* collected 6/22

General White, also, a native of Paris

15159 Elevation (for 15144) 8 115

front, darker sides, tan on back, white on belly.

15160 11 07 ♀ 114

Thraupophilus s. substriatus ♂ 153
(nudus) ♂, Ecuador, 1000 m. 6.6.

15162 ✓ (Loring) of 148

15163 *Hymenocallis leucosticta* 8/43
trawl in 10 fms. sand

1516 4 4 8 144

15166 *Thlaspidosaurus scutellatus* ♂ 150

15167 *Pyrocephalus rubineus* ♂ 146
from 6/6

1568 *Catiloca agitator* (T.E.) ♂ 159

15169 *Neopeltis sulcicollis* sp. n. ♂

149-14

49-14

X

[73]

15170 *Pipra fasciicauda* ♂ 122
white | t, (leaden below) purple leaden

15171 *Thraupis genibarbis bolivi.* (T.E.) ♂ 157
brown | t, leaden | t, dark brown

15172 *Calbula ruficauda heterog.* ♀ 235
brown | t, | black

15173 *Tangara mexicana boliviensis* ♀ 150
brown | t, | leaden

15174 *Ramphocelus carbo affinis* ♂ 185
brown | t, yellow, white, black | t

** 15175 *Myiochroa t. tuberculifer* ♀ 172
brown | t, | t

15176 *Veriliornis agilis* ♀ 121
brown | t, pale brown below | dark brown

15177 *Trogonurus variegatus bolivi.* ♀ 246
brown | olive-leaden blue, sides black | dark leaden

15178 *Ara severa castaneifrons* ♀ 433
yellow | t, | t,

15179 *Amazona aestiva xanthoptera* ♂ 355
orange | t, yellow, white, | t, dark | t, black | leaden

15180 *Pteroglossus castaneotus rusticus* (T.E.) ♂ 467
brown | t, blue and black & black yellow; brown, black & white

54-15 ♀ mag, yellow | leaden above

54-15

X

**

15181 ✓ *Gymnoderus foetidus* ♀ 367

brown, black, blue, black, brown

15182 ✓ *Ostingops sinic平尾鮋* (T.E.) ♂ 510

blue, yellow, red, brown, black

15183 ✓ *Falco albogularis* juv (T.E.) ♂ 267

brown, yellow, white, black, brown

15184 ✓ *Buteo swainsoni* (T.E.) ♂ 203

brown, black, white, black, brown

15185 ✓ " " (T.E.) ♂ 268

15186 ✓ *Cacicus cela* (T.E.) ♂ 292

black, blue, black, brown, black

(Lanius sp. in tail) (24 sp. in tail)

Tob. Santa, Per. 5.

Coccyzus americanus with the tail, but no main
feathers and some feathers still separately.
Wing and tail are broken and some
feathers missing in the middle of the tail.

15187 ✓ *Trochilus regulus* ♀ 91

black, white, blue

**

15188 ✓ *Comptestes nigriceps* ♀ 117

black, white, blue, black, brown, black

57-16

59-1b

X

G4)

* 15189 ✓ *Sublegatus m. modestus* ♂ 147
brown & blue, black & white

15190 ✓ *Myrmeciza strophura* ♂ 155
brown & leaden blue

15191 ✓ " " " ♂ 152

15192 ✓ *Thlypopsis s. sordida* ♂ 145
brown & blue, black & white

15193 ✓ *Tolmomyias sulphureescens acuminis* ♀ 149
brown & blue, black & white

15194 ✓ " " " ♂ 149

15195 ✓ " " " ♂ 149

[105]

15196 ✓ *Panopea jacquae speciosa* ♀ 745
brown & pink blue

[18]

15197 ✓ Monkey (♀) Foster 725-420-82-30 ♂

* 15198 ✓ *Picumnus* ♀ 123
brown & blue, black & white

15199 ✓ *Neopelma sulphureiventer* ♂ 155
brown & blue, black & white

15200 ✓ " " ♂ 156

15201 ✓ *Saltator maximus* ♂ 233
brown & black, tan, yellow & pink, leaden blue

59-17

59-17

X

15202 ✓ *Tanala major* ♀ 218
 (varius) ♂ *antecedens* *luteus*

* 15203 ✓ *Avicinellae similis caniventer* ♂ 194
 (varius) ♂ *luteus*

15204 ✓ *Zalothrix reticulata heteromorpha* ♀ 232
 (varius) ♂ *luteus*

15205 ✓ *Thraupis palmarum* ♂ 209
 (varius) ♂ *luteus*

* 15206 ✓ *Myiotheretes luteiventris* (M) ♂ 260
 (varius) ♂ *luteus*

15207 ✓ *Hemitriccus diops* *flaviventer* ♂ 131
 (varius) ♂ *luteus*

15208 ✓ *Thraupis* (varius) ♂ (O.E.) ♀ 118

15209 ✓ *Thraupis* (varius) ♂ 130

15210 ✓ *Thraupis* (varius) ♂ 122

15211 ✓ *Thraupis* (varius) ♂ 120

15212 ✓ *Myiotheretes luteiventris* ♂ 139
 (varius) ♂ *luteus*

15213 ✓ *Xenops rutilans obsoletus* ♂ 126
 (varius) ♂ *luteus*

69-17

61-17

X

[75]

15214 *Formicivora c. analis* (T.E.) ♂ 306
brown (b) blackish brown

* 15215 ✓ *Electron platyrhynchus* ♂ tail incomplete
brown (b) blackish brown

15216 ✓ *Ruina gulli* ♂ 399
brown (b) blackish brown black (blackish brown)
(14 more 2 pieces)

62-18 = 88 species from Todos Santos to date (30% same as Palmer.)

Todos Santos, Aug 6. (Bolivian Independence Day)
We did no collecting today. I wrote labels & the boxes,
labelled & packed all the birds, cleaned guns & had
a bath. Clear, hot day, very little breeze.

Todos Santos, Aug 7.

Clear, hot day. All out shooting. Went to "La Zela" but
had poor luck. Both went in beyond old yellow & white around
lagons, where he had the best luck of all, getting 13 birds.
We had 34, but 3 were discarded, common. Finished at about 9 P.M.
Then went to dance.

* 15217 *Aramides cajanea* ♂ 426
red (olive yellow) black, greenish black, coral red

15218 *Myrmoborus l. leucophrys* ♀ 140
brown (b) blackish brown

15219 *Thamnophilus s. schistaceus* in ♂ 154
brown (b), blackish brown (b)

* 15220 *Anthoscopy l. longirostris* ♀ 132
brown (b)

15221 Flycatcher (15144) ♂ 115

64-18 brown (b), pale at base below black

64-18

X

15222 *Todirostrum chrysocephalum* ♂ 97
brown & black

15223 *Hemitriccus diops flammulatus* ♂ 133
brown & black

15224 *Phaeoptilus nigrinus* ♂ 133
brown & black

15225 *Stelgidopteryx ruficollis* ♂ 145
brown & black

15226 *Pyrocephalus rubineus* ♂ 153
brown & black

15227 *Thamnophilus deliatus radiatus* ♂ 132
brown & black

15228 *Tolmomyias sulphurescens assimilis* ♂
grayish, black patch below

15229 *Pipra f. fuscicauda* (T.E.) ♂ 128
white & black

15230 *Hylophylax naevia mexicana* ♂ 128
brown & black

15231 " " " " ♂ 127

15232 " " " " " ♂ 127

15233 " " " " " ♂ 105

67-18

67-18

X

[76]

15234 *Cnemotriccus fuscatus binotatus* ♂ 149
 brown t., brown t. black (side) leaden

15235 *Tolmomyias sulphurescens assimilis* ♂ 142
 grey t., black t. black t. black

15236 " " " " ♀ 146

15237 *Casiornis rota* ♀ 188
 brown t. (dark) downy, black, apical t. black

15238 *Pachyramphus polychopterus* — in ♂ 158
 brown t., black t. black

* 15239 *Cyanocorax cyanoides petroviana* (?) ♀ 168
 brown t., brown black below black black

* 15240 *Alectrochelus p. pitangua* ♂ 235
 brown t. t. t.

15241 *Furnarius a. analis* (T.E.) ♂ 207
 brown t. downy down

* 15242 *Coracopsis m. melanurus* ♀ 312
 brown yellow, ridge black brown brown

15243 *Amazona aestiva xanthopteryx* ♀ 362
 orange brown t., pink below, yellow on sides down black

* 15244 *Columba subvinacea bogotensis* ♀ 344
 brown t. purple brown

15245 *Cacicus cela* (T.E.) ♂ 293
 71-18 delft blue pale sea-green t.

71-18)

X

15246 ✓ *Nonase n. nigrifrons* (Hayw) ♀ 292
 brown common | leaden black

15247 ✓ *Pteragogus castanotus australis* ♀ 462
 white | black, yellow and brown | leaden blue

15248 ✓ " " " (M) ♀ 470
 (1 more species today) [Total species 98] 27½% Palmer

Todos Santos, Aug 8 (Sunday)

Up at 7 AM. Boys already had breakfast made. Nuke & Beta went seining for fish. I wrote labels for yesterday's fish. Then wrote up field notes till noon.

Boys cleaned about 11 more good lot of fish.

Todos Santos, Aug 9.

Beta & I went down the river today, working along the overgrown bank leading southeast to the Rio Chico, 10 KM. distant. Nuke went to the lagoon & got 6 birds, but had to ditch 2, both good, a Night Heron & Punaugua (short, bits). "Surfazo" broke * fat at 3 P.M. with crocodile & ran.

Tail broken

15249 ✓ *Nomotus maculata nattereri* ♂ " red | black | black blue

15250 ✓ *Nyctophylax naevia inexpectata* ♂ 129
 black | black | black

15251 ✓ " " " ♂ 127

15252 ✓ *Myrmeciza h. hemimelaena* ♂ 135
 brown | black | leaden blue

15253 ✓ " " " ♂ 134

72-18

- 1 - bluish flesh

72-18

X

67

* ✓

15254 *Myrmotherula axillaris* lafreshayana ♂ 111
 brown | b | leaden blue

* ✓

15255 *Thamnomanes caesius* schistogynus ♂ 158
 brown | b | leaden

15256 ✓

" " "

♀ 160

— | b, leaden blue below | —

* ✓

15257 *Thamnophilus aethiops* Kapouri ♂ 170
 brown | b | leaden

15258 ✓

Thamnophilus s. *schistaceus*

♂ 152

brown | b, leaden blue below | leaden blue

** ✓

15259 *Crallaria* [berlepschi] ? ♂ 169

brown | b, pink below | pink

15260 ✓

Hemitriccus dimidiatus —

♂ 127

pale blue | b | leaden blue

15261 ✓

Cnemotriccus cinnamomeus bimaculatus

♂ 150

brown | b, pink below | b

* ✓

15262 ✓

Leucolopis arada modulatrix

♀ 133

brown | b, pink at tail below | leaden blue

15263 ✓

" " "

♀ 136

15264 ✓

" " "

♀ 141

* ✓

15265 ✓ *Sclerurus mexicanus* peruvianus ♂ 173
 brown | b, pink at tail below | blackish blue

78-19

78-19

X

15266 ✓ *Cnemidora giffordi* ♀ 153
straw | blackish, leaden blue, yellowish, silver

15267 ✓ *Tachyporus tectus* ♀ 133
brown | t. brown, blue, greyish, | leaden blue

* 15268 ✓ *Autamolus rifipileatus* consob. ♂ 207
brown | t. brown, blue, greyish, | leaden blue

15269 ✓ *Xiphorhynchus g. thalassinus* ♀ 262
brown | blackish, blue, greyish, | leaden blue

15270 ✓ " " " " ♀ 264

* 15271 ✓ *Decampbellia longirostris pallida* ♀ 208
brown, very pale brown, dusky at base and blue, greyish, black

* 15272 ✓ *Atila boliviensis* (T.E.) ♂ 222
straw, dusky, brown, pale blue, leaden

15273 ✓ *Veniliornis agilis* ♂ 163
greyish, leaden blue, blue | leaden

15274 ✓ *Veniliornis affinis haematopterus* ♀ 166
brown, blue, leaden blue | dusky, blue, leaden

* 15275 ✓ *Claiavis flavigularis* ♀ 215
brown | dusky, olive, blue | blue

** 15276 ✓ *Actitis hypoleucos* ♂ 269
yellow | yellow | olive, leaden

83-20

83-20

X

[78]

15271 ✓ *Scapanesia tricholepynis* ♂ 345
yellow (dark brown, black patch below) dirty blue

15278 *Eupsittula weddelli* (T.E.) ♂ 286
white (b) b

15279 ✓ *Pteroglossus castaneus castaneus* ♀ 438
white (b) yellowish blue

15280 *Colaptes melanochloros* ♂ 332
brown (yellow) salmon (yellow) brown

* [106] 15281 ✓ *Ara macao* (M) ♀ 820
brown (b) b
(16 more species today)

85-21

Tados Santa, Aug 10.

Still drizzling rain this morning & cold. Temp 18°C
1640. But went out finally about 9 AM & got back at 1 PM
with only the birds below. I worked on carib field
data, started dry & got all birds dry, labelled & packed
including those from yesterday. No rain in PM. But
cold & overcast.

15282. *Myrmeciza h. hemimelaena* ♀ 140
brown (b) leaden blue (b) leaden blue

15283. *Thamnomanes caesius* ♀ 162
brown (b) black blue (b) leaden

* 15284. *Nemosia pileata paraguayensis* ♂ 149
86-21 yellow (b) flesh below yellow

86-24

1

15285 *Capito aurovirens insperatus* ♂ 205
 (carunculae) hyacinthine blue locally faint.

15286 *Brotogeris devillei* ♂ 202
 pale blue (immature) dusky black.

~~15287~~ 15286 *Penelope jacquacaa* (see No. 15347) ♂ 2762
 (3300 ft) brown (black, tip of mandible) pale brown

* 15287 *Antilocapra maculicaudatus romani* ♀ 203
 brown (brownish black) dusky brown

15288 *Hydrocolais forcata forcata* (?) ♀ 200
 brown (brown) dusky brown
 This is a darker brown than those following, the very
 dark areas with black streaks on adjacent back
 & spotted with blackish brown.

15289 " " " ♂ 280

15290 " " " ♂ 272

* 15291 *Nyctidromus albicollis delagoensis* (T.E.) ♂ 295
 brown (very) black dark brown

15292 " " " ♀ 265
 (3 more today)

88 = 2

88-21

X

[79]

Todos Santos, Aug. 11

Eric clear, cool day after the "Suray". I walked down river road & set traps to left. Much went out Tempisque & went out old road to T.S. village.

15293 *Phaethornis hispidus* ♀ 156

brown | t., leaden below basal $\frac{1}{2}$ | blackish

15294 "F/ waterer" (= No. 15144) ♂ 117

brown | t., leaden below basal | leaden blue

15295 *Thamnophilus doliatus radiatus* ♂ 172

straw | t., leaden blue below | l. b.

15296 *Hypocnemis flavescens collinsi* ♂ 121

brown | t., leaden blue below | yellowish blue

15297 *Tolmomyias sulphureus assimilis* ♀ 142

gray-brown | t., pale blue | cinnamon

15298 *Synallaxis cabanisi* (T.E.) ♂ 158

gray | t., double blue below basal | blue

15299 *Thamnomanes megarhynchus* ♂ 159

brown | t. | leaden black

15300 *Furnarius analis* ♂ 200

brown | t. | pale brown

15301 *Tachyphonus rufus* ♂ 159

brown | t., sand-rain leaden blue | dark leaden

15302 *Dacnis cayana glaucoptera* ♂ 129

brown | t., purplish brown at base below | purplish brown

88-21

88-21

X

* 15303 *Myiotheretes ferox australis* ♀ 192
brown (brown) ♂

* 15304 *Platycercus rufus undatus* ♀ 198
brown (brown) black (black) black

* 15305 *Mimes thrius* (T.E.) ♀ 235
brown (brown) black (black) black

15306 *Xiphorhynchus guttatus derbignyanus* (T.E.) ♂ 280
brown (brown) black (black) black

* 15307 *Celeus spectabilis* ♂ 243
gray-brown (brown) black (black) black

15308 *Curucouus maculatus* ♂ 310
brown (brown) black (black)

* 15309 *Cecropia linearis* (O.E.) ♀ 350
brown (brown) black (black) black

15310 ✓ " " " (T.E.) ♂ 360

15311 *Crypturellus atricapillus* (T.E.) ♂ 340
brown (brown) black (black) pink (pink)

[108] ✓
15312 *Hraeselaena* (T.E.) ♂ 745
brown (brown) black (black) white

[19] ✓
15313 *Nocturnal Monkey* 745-490-99-34- ♂
(same species - with night game yesterday)

93-21

93-211

X

[80]

15314 ✓ "Flycatcher (= No. 15144) ♀ 110
brown | b. leaden at base below | b.

15315 ✓ *Hylophylax naevia inexpectata* ♂ 125
brown | b. | pink

15316 ✓ *Tolmomyias sulphureocinctus assimilis* ♀ 150
gray | b. | pink below | leaden blue

15317 ✓ *Taraba major* ♂ 214
carmine | b. | leaden blue

15318 ✓ *Neopelma sulphureiventer* ♀ 146
yellow | b. | pinkish below | pink l. b.

15319 ✓ *Donacobius atricapillus albocristatus* ♂ 248
yellow | b. | pinkish below | leaden blue

15320 ✓ *Attila b. boliviensis* ♂ 220
brown | b. | pinkish below | l. b.

15321 ✓ *Leptoptila verreauxi decipiens (?)* ♀ 275
yellow | b. | pink blue

* [109] ✓
15322 *Stresemanni*

(11)

♂ 672

red | blackish brown | leaden blue below | black
| naked skin on back cobalt blue

[110]

15323 " "

"

♀ 640

(8 new today)

96-21

96-21

X

Todos Santos Aug 12

Rain started in to hard as yesterday big hails
& the air was 100° & it is violent. I soon came
& the air toward old village. Cloudy in AM, cold, late clear

15324 *Metmeciza atrothorax melanura* ♂ 160
brown & black on the back & head

15325 *Affila a. belivianus* ♂ 220
Pale brown back, brown below & head

15326 *Myiotheretes axillaris latissimum* ♂ 115
brown & black below

15327 ✓ " " " " " ♀ 120
brown & black below

15328 ✓ *Terenotriccus erythrius brunnifrons* ♂ 107
brown & black below & head

15329 ✓ *Thamnomanes caesius* ♀ 158
brown & black below & head

15330 ✓ *Craniolena guttulata* ♀ 147
brown & black below & head

15331 ✓ *Tachyphonus rufus* ♀ 136
brown & black below

15332 ✓ *Pipra f. fuscifrons* ♂ 118
white & black below

15333 *Hotamolus xanthopterus consobrinus* ♂ 205
orange & black below

97-21

(T.M.E.) ♂ 205

99-21

X

[81]

15334 ✓ *Piaya cayana obscura* ♂ 435
 carmine) olive green) leaden blue

* 15335 *Dendrexetastes rufigula devillei* ♀ 227
 brown) pale brown, dusky brown, purple blue (blue) blue

15336 ✓ *Tangara ochraceiventer* (T.M.E) ♂ 145
 brown) brown) blue

15337 ✓ *Gallbulus rufigularis heterog.* ♂ 240
 brown) brown) yellowish olive

15338 ✓ *Myiarchus t. lacerulifer* ♂ 188
 brown) brown) blue

15339 ✓ *Eucometis penicillata albostillis* ♂ 192
 gray) brown irany, flesh color (flesh)

15340 ✓ " " " " ♀ 190

* 15341 ✓ *Glauis h. hirsuta* (?) No! ♀ 120
 brown) brown) brown) brown) flesh

15342 ✓ *Cnemotriccus fuscatus brumalis* ♂ 148
 brown) brown) flesh brown) brown) brown

15343 ✓ *Picumnus* (Puerto Veneguera) ♂ 115
 gray) brown) yellowish olive

15344 ✓ " " " " ♀ 120

15345 ✓ *Tangara schranki* (T.M.E) ♂ 136
 brown) brown) leaden blue

99-22

99-22

15346 *Crypturellus atrocapillus* ♂ 314
 brown & black, black below | pink salver.
 (5 seen new today)

[107]

15347 *Penelope jacquacu* — [M] No. 15286) ♂ 762
 brown & black, tip of mand pale | pink blood

	<u>Skins Total</u>	<u>No. of Species</u>	<u>Spec. men in Coll.</u>	<u>Mammals</u>
To Palmar =	1337	305	66	34
Todos Santos =	306	99	22	6
	1643	404	88	40

728 skins; Palmar & Todos Santos. 131 species taken - 11 days.

Todos Santos, Aug 13

Packed up today & left late in afternoon on boat for the junction of the Rio Chapare & Chimore'

Our River, Aug 14 & 15

Travelling down Rio Chapare in launch. We tied up at night & slept on the beach.

Boca de Chapare, Aug 16. Altitude = 825 ft.

We arrived at about 8:30 AM. Immediately unpacked & Berto & Mike went out shooting, while I stayed in to arrange things.

15348 ✓ *Cnemotriccus fuscatus bimaculatus* ♀ 135
 brown | b., plush below | leaden black

15349 ✓ *Dysthampus mentalis tovarae* ♀ 129
 brown | b., thick plush below | leaden blue.

15350 ✓ *Pyriglena leonota* — ♀ 172
 red | b., leaden blue below | l. b.

15351 ✓ *Habia rubica amabilis* ♂ 194
 brown | b., dark down below | brown down

15352 ✓ *Xiphorhynchus guttatus* (T.E.) ♂ 224
 brown | bluish white, dusky at base above | l. b.

15353 ✓ " " ♀ 267

15354 ✓ *Eucometis penicillata* (T.E.) ♂ 190
 brown | dusky brown, plush below | dusky plush

15355 ✓ *Galbula ruficapilla* (T.E) ♂ 232
 brown | b. | olive

15356 ✓ *Trogonurus variegatus boliviensis* ♂ 256
 brown | pale leaden blue | leaden

15357 *Curucuius melanurus*
downy yellow brown

♂ 325

[111]

* 15358 *Pipile comonensis grayi* ♀ 725
— black white basally, black apically (pink blood
naked skin white)

Boca Chapare, Aug 17.

All went out shooting. We went down river, shot
the monkeys & 2 herds. Went up river, with good bag
& I went inside to Lagon. Day hot & clear, with
light cirrus clouds, no wind. Finished at 6²⁰ P.M.
a record

15359 *Monomotus momota paterori* ♂ 440
red | black | dirty dark brown

15360 *Piaya cayana obscura* ♂ 459
carmine | pale pea green | leaden blue.

15361 *Thamnophilus palliatus puncticeps* ♂ 175
gray | b, leaden blue below | l.b.

15362 " *Doliatus radiatus* ♀ 172
brown | b, leaden blue below | l.b.

15363 *Thalurania forcata tschudii* ♂ 120
b | b

15364 " " " " ♀ 108

15365 *Myrmotherula brachyura* ♀ 91
brown | b; bluish flesh below | olive

1-0

X

[83]

15366 ✓ *Hemitriccus diops* ♀ 118
 hazel | b, flesh below | l. b.

15367 ✓ *Thamnophilus s. schistaceus* ♂ 157
 brown | b, leaden blue below | l. b.

15368 ✓ *Hypocnemoides maculicauda* ♂ 133
 gray | b | l. b.

15369 ✓ " " " ♀ 137
 — | b, l. b. below —

15370 ✓ *Myrmeciza atrata thorax* ♂ 154
 hazel | b | l. b.

* 15371 ✓ *Thryophilus leucotis guarayensis* ♂ 140
 hazel | b, l. b. below | l. b.

15372 ✓ " " " " (?) 140

15373 ✓ " " " " ♂ 145

15374 ✓ *Pyriglena leucotis* ♀ 184
 carmine | b, leaden blue below | l. b.

[23] 15375 ✓ *Spiny Rat* ♂

15376 ✓ *Craniolæva g. guttata* ♀ 152
 * straw | b, horn blue below | yellow olive

15377 ✓ *Phlegopsis n. nigromaculata* ♂ 197
 horn | eye skin red | black | b.

3-0 15378 ✓ " " " " ♂ 196

15379 ✓ " " " " ♂ 198

3-0

X

✓ 15380 *Galbula ruficapilla* — ♂ 237
 brown | b. | yellow olive

✓ 15381 *Pipra fasciicauda* juv ♂ 127
 white | b. | purple flesh below | pale purple

✓ 15382 *Eucometis penicillata* — ♂ 189
 brown | brown brown, flesh below | flesh

15383 " " " ♀ 185

* 15384 ✓ *Sirystes sibilator* — ♂ 192
 brown | b. | b.

* 15385 ✓ *Dendroplex picus* — (?) ♀ 233
 brown (black white) | yellowish olive

* 15386 ✓ *Dendrocopos corticeus polyzonatus* (?) ♂ 300
 brown | pale brown, brown blue below | blue leaden

✓ 15387 *Xiphorhynchus guttatus* — (?) ♂ 267
 brown | brown blue, dusky at base above | leaden

15388 *Turdus assimilis* — ♂ 240
 brown | yellow | brown blue

** 15389 ✓ *Turdus f. fumigatus* — ♂ 235
 brown | blackish brown | dark brown

✓ 15390 *Attila b. boliviensis* (?) 220
 yellow | b. | pale at base below | leaden

* 15391 ✓ *Chlorocerys leucolaemus australis* ♂ 215
 brown | b. | pale brown below breast | olive

8-11

8-1

X

[84]

**

15392 *Odontophorus marmoratus*

brown \ t \ leaden

♂ 282

[20]

15393 Howling Red Monkey 1260-634-146-49- ♂

[21]

15394 " " " 1300-588-142-42- ♀

[22]

15395 Big Squirrel [-T.S.] 490-228-66-34- ♂

Boca Rio Chapare, Aug. 18.

Mike stayed in to clean monkey's feet & heads.
 Berto & I went out. Traveled out the Jagon trail
 & got back at 10 AM with 15 birds, nothing new
 but Owl & Cactus Wrens.

Berto went up river, got in at

15396 *Phaethornis hispidus*

♀ 153

black, olive below basal $\frac{1}{3}$ \ leaden15397 *Hypocnemoides maculicauda*

♂ 122

blue-gray \ t, leaden below \ l.b.

15398

"

"

♀ 136

— \ t, leaden blue below —

15399

"

"

♀ 130

15400

"

"

♀ 134

15401

"

"

♀ 133

**

15402 *Craspedoptrion*

(T.E.) ♂ 172

brown \ t, flesh below \ olive-leaden

10-3

10-3

X

15403 ✓ *Thamnophilus palliatus puncticeps* ♀ 172
 straw | b, leaden blue below | l.b.

15404 ✓ *Formicarius a. analis* ♀ 203
 brown | b | dusky brown

15405 ✓ *Taraba m. major* ♂ 223
 carmine | b | leaden blue

15406 ✓ " " "
 — | b, leaden blue below | — ♀ 215

15407 ✓ *Pachyramphus polychopterus spixi* ♂ 158
 brown | d.b. | leaden

15408 ✓ *Tangara schranki* ♀ 181
 brown | b, leaden blue below | l.b.

15409 ✓ *Veniliornis affinis haematoptigma* ♂ 188
 brown | b, bluish flesh below | leaden

15410 ✓ " " " ♂ 182

*15411 ✓ *Hemithraupis g. guira* ♂ 132
 brown | yellow, ridge black | leaden

15412 ✓ *Chloroceropsp. leucopterus australis* ♂ 210
 brown | b, brown blue below | olive

15413 ✓ *Eucromis pectoralis* ♀
 brown | brown brown, flesh below | flesh

11-3

11-3

X

[85]

* 15414 *Heleodrytes unicolor* ♀ 205
red | brown back, flesh below | leaden back

15415 " " " ♀ 212

15416 " " " ♀ 203

* 15417 *Otus choliba* (red phase) ♂ 227
yellow | leaden blue, tips pale | flesh.

15418 *Gymnoderus foetidus* ♀ 355
pale blue | leaden blue basally, tips black | leaden

* 15419 *Ramphastos sulfuratus inca* ♂ 634
brown | black, basal band & narrow ridge dim yellow,
barely round, blue | cobalt blue.

15420 *Myrmeciza atraticeps* ♀ —
brown | b, leaden blue below | l.b.

15421 " " " ♀ —

** 15422 *Tityra inquisitor pelzelni* ♂ 210
brown | b, leaden blue below | leaden

15-4

15-4

X

Boca Chavare, Aug 19.

We went down river & got the 2 Peccaries,
the Goose, the Hawk, the Ortalis & Squirrel.

Berto & I went across the river. I got the 3
small headed Monkeys & the Mito. Berto got
the Tucan & $\frac{2}{3}$ of small birds.

Rain yesterday afternoon & during night. ^{early} Morning
cloudy, afterwards clear & hot, with drifting clouds.

* 15423 ✓ *Charadrius collaris* ♀ 160
brown | b. | black

15424 ✓ " " ♂ 165

15425 ✓ *Pipra fasciicauda* ♀ 129
brown | black, bluish flesh below | leaden

* 15426 ✓ *Basileuterus auricapillus viridescens* ♂ 138
brown | blackish, pale brown at base below | brownish yellow

15427 ✓ *Hypocnemoides maculicauda* ♂ 136
brown | b. leaden below | l. b.

15428 ✓ " " ♂ 132

15429 ✓ *Hemitriccus diops flammulatus* ♂ 130
brown | b. flesh below | l. b.

15430 ✓ *Thryophilus leucotis gravayanus* ♀ 134
brown | b. bluish flesh below | l. b.

15431 ✓ *Myrmeciza atraticeps* ♂ 148
brown | b. | l. b.

15432 ✓ " " " ♀ 150

15-4 → l. leaden blue below —

15-4

X

[86]

**

15433 ✓ *Thamnophilus* 13 ♂ 152
 hand b, leaden (in below) l. b.

15434 ✓

15434 ✓ " " " ♀ 150

15435 ✓ *Pyriglena leuconota* ♀ 127
 (arunii) b, leaden (in below) leaden black

* 15436 ✓ *Xenops rutilans* connectans (T.E.) ♂ 130
 brown b, yellow below b, leaden

* 15437 ✓ *Tanagria c. chrysopasta* ♀ 115
 brown b, leaden below l. b.

15438 ✓ *Tolmomyias sulphurescens assimilis* ♂ 148
 gray b, pink like l. b.

* 15439 ✓ *Ortalis guttata subaffinis* ♀ 510
 brown b, black b, black b, pink b, black dark

15440 ✓ *Crypturellus v. undatus* ♂ 345
 brown b, pale below pinkish, yellowish dark

** 15441 ✓ *Slate Colored Hawk* (red skin in head) ♂ 440
 yellow black b, crooked black yellow eye & foot
 vermilion, claws black

* 15442 ✓ *Naochen jubata* ♂ 620
 brown b, reddish pink below bright yellow pink

[24]

15443 Squirrel (small sp.) 345-170-47-24-♂

[25]

15444 *Coatimundi* " 745-405-87-43 - ♀

22-7 (black one)

22-7

X

[26]

15445 Coatiundi 995-434-90-40 ♀

[27]

15446 Cebus Monkey 595-325-87-42-♂

[28]

15447 Small Headed Monkey 685-375-84-37-♂
(white tail)

[29]

15448 " " " 685-420-90-40-♀

[30]

15449 " " " 616-340-77-35 ♂ juv

*[412]

15450 Mito mito. 2890
brown \ crimson \ dull pinkish

Bear Cha Pae, Aug. 20

Clear morning & hot day, but with gusty breeze.
Heavy thunder clued in P.M.

Mike stayed in to fix mammal feet & skulls from
yesterday. Bill & I worked on our collection after
supper & came in to help organize.

15451 Phaethornis hispidus ♂ 165
brown \ white below black \ black

*15452 Perissoptilus ecuatus ♀ 25
brown \ t. black below black \ dull black

15453 Conopophaga piti melanogaster ♀ 113
brown t. yellow below yellowish brown

15454 Coenocorypha fusca ♂ 133
brown t. flesh color \ brown black

24-7

24-7

X

[87]

15455 *Myrmeciza atrothorax* ♀ 152
 brown | b, leaden blue below | pale leaden line

15456 *Thryophilus leucotis guarayensis* ♀ 132
 hazel | b, black flesh below | l. b.

15457 *Dendrocaptes certhia polyzona* (T.E.) ♂ 295
 brown | dusky, brown, blackish broadly, fine blue below | leaden olive

15458 *Tachyphonus r. lucidus* ♀ 137
 brown | b, mand. and lower leaden blue | l. b.

15459 " " " " ♀ 140

15460 " " " " (T.E.) ♂ 144

* 15461 *Sittasomus g. griseicapillus* ♀ 155
 brown | b, leaden blue below | leaden

* 15462 *Pitangus l. lictor* ♀ 200
 brown | b | b

15463 *Pipra fasciicauda* juv ♂ 131
 white | b, purplish blue below | pale purple

15464 *Tanagra chrysopasta* ♂ 118
 brown | leaden blue broadly & lower, white black | leaden

15465 " " " " ♀ 119

15466 *Pachyramphus polychopterus spixii* ♂ 167
 brown | b, base & lower mand. flesh | leaden

26-7

26-7

X

15467 *Tangara chilensis* f.e.) ♂ 150
 brown | b | leaden

* 15468 *Tripsurus eruentatus* ♂ 215
 yellow | b | olive

15469 *Chlorocerys leucolaemus australis* ♂ 220
 brown | b, few blue below band | olive

15470 "Hawk" (= No. 15440) ♀ 490
 yellow | black, cere & naked skin vermillion | vermillion

15471 " " " ♂ 480

15472 *Crypturellus undulatus* ♂ 330
 brown | black, flesh below vermicily | yellowish black

* [442] ✓ 15473 *Hra chloroptera* ♀ 848
 straw | flesh above vermillion black | black

28-7

Boca Chiqui, Aug 21

Left Michi to finish up odds & ends. Built 3 Tukcaus & went up Rio Chiuine (Tchito Chiuine) about 2 miles, left canoe & walked about 1½ miles further up the beach to an old river (now laguna). Found nothing at all there except 8 Geese, too dried & old. Tried to shoot a Porpoise (a school of 5 in river) but failed. The jungle alongside laguna impossible to break or cut down. A deep sleep at noon, made hard work to built very "green" of paddlings, making it hard to use in stream. Saw a pair of Horned Screaming in way back, but out back. Not done at noon, all in from sun & paddlings.

In P.M. stuffed hawk left from yesterday, a Spruce Rat, &
wrote labels. X

28-7

[88]

Boca Chapare, Aug 22 (Sunday)

All clouds out shooting today, Bert's upriver, Buck
down & I in along east shore lagons.

Did not find many birds there, but was lucky to get
into a swarm of Humming birds, where I got most of
my And Birds, 13 for me. Bert got in at 12:30 with
only 9 birds.

15474 ✓ *Basileuterus auricapillus viridescens* (T.E.) ♂ 135
brown) black, dark brown below) brownish yellow

15475 ✓ " " " (T.E.) ♂ 134

15476 ✓ " " " (T.E.) ♂ 137

15477 ✓ *Hypocnemoides maculicauda* ♂ 132
blue-gray) black, leaden below) leaden blue

15478 ✓ *Pyriglena leuconota* — ♂ 190
red) b) leaden

15479 ✓ " " " ♂ 182

15480 ✓ " " " " ♀ 180
— b, leaden blue below) leaden blue

15481 ✓ " " " " ♀ 180

15482 ✓ *Phlegopsis nigromaculata* ♀ 182
dark red) b) leaden

15483 ✓ " " " ♂ 197

15484 ✓ *Eucometis penicillata* ♂ 186
brown) brown brown, flesh below) dusky flesh

28-7

28-7

X

15485. *Altila boliviana*

♂ 223

yellow | blackish brown, pale below | leaden

15486. *Dendropicos picus*

♀ 220

brown | white | olive

15487. *Turdus f. fumigatus*

♂ 228

brown | blackish | dark brown

15488. *Thryophilus leucotis guarayanus*

♀ 132

brown | b. blackish below | d. b.

15489.

u

u

u

♂ 140

15490. *Xenops rutilans concolor*

♀ 125

brown | b. blackish below | leaden

15491. *Hemitriccus g. guira*

♀ 135

brown | black, cinnamon and yellow | l. b.

15492. *Tanagra lanioides*

♂ 122

brown | black, leaden brown with tip black | leaden

15493. *Pachyramphus b. hypochrysopterus spixi*

♀ 165

brown | black, pale below | leaden blue

15494. *Chlorocebus leucocassis australis*

♂ 215

brown | b. blackish brown | olive

**

15495. *Milvago chimachima*

? 415

brown | pale brown blue | pale drab

[31]

15496. Black Ring Weaver

1010-414-109-414 ♀

30-87

30-81

X

[89]

[714] ✓

15497 *Neochen jubata*

♀ 585

brown \ black, purple flesh below \ pink

Boca Chupare, Aug. 23.

Rain during night, morning very dark, but not raining. Left Nuko to label & wrap birds. Berto & I went shooting, he up river 1 1/2 to Pagoni. So dark in forest that nothing could be seen. about 10 AM. Started to rain & I had rain all the way back. Reached home at 11 AM. Berto got in first shot. He had the 3 parrots & 1 Tordus.

15498 *Nymphaeiza atrata thorax*

♂ 147

brown \ black, orange cinnamon blue \ do. b.

15499 *Thryophilus leucotis grayanus*

♂ 133

gray \ b., cinnamon blue \ b. bi

15500 *Cnemotriccus fuscatus*

♂ 138

brown \ b., black below \ do.

15501 ✓ *Formicarius a. analis*

♂ 208

brown \ b. \ dusky brown

15502 ✓ *Turdus f. fumigatus*

♂ 232

brown \ b., dark brown below \ black brown

15503 ✓ " " "

♂ 234

15504 *Nomotus momota nattereri*

♂ 425

red \ black \ blackish brown

* 15505 *Ceryle jida*

♂ 249

31-81 ✓ brown \ black \ blackish

31-8

X

15506 *Fratercula leucoptilumus californicus* ♀ 338
 hazel brownish wing | tail, white

15507 " " " ♂ 355

15508 *Amazona farinosa inornata* ♀ 425
 magenta | blue, white, pink, and yellow wing

Boca Chica, Aug. 24.

Yesterday P.M. cloudy, but no rain, except a few
 spatters to keep us from inside. Went out
 last night with headlight but saw nothing at all
 very poor here for night work, no open places
 or trails, only plateau. During night wind
 came up from south, cold. The morning cold &
 cloudy & windy. We went out on the road to
 Boca & General view, but saw no big birds.
 400 doves at 11:15 with 25 (He 14, 3, 11).

15509 *Hemitriccus diops flammulatus* ♂ 130
 brown & fluffiness | l.b.

15510 *Neopelma aerei. cetris* ♀ 141
 straw | b, leaden blue l.b.

15511 *Hypothymis maculicauda* ♂ 133
 blue gray | b, some leaden blue | l.b.

15512 *Myrmeciza struthera* ♂ 151
 brown (b) | l.b.

32-8

32-8

X

[90]

15513 ✓ *Thamnophilus* (?) (gray) ♂ 154
gray straw | b, fl b below | l.b.
15514 ✓ " " " ♀ 150

15515 ✓ *Thamnophilus palliatus puncticeps* ♀ 172
straw | b, leaden blue below | bright l.b.
15516 ✓ *Pyriglona leucotis hellmayri* ♂ 190
red | b \ b

15517 ✓ *Taraba m. major* ♀ 218
carmine | b, leaden blue below (mostly) | l.b.

15518 ✓ *Thryophilus leucotis guayanus* ♂ 139
gray | b, leaden blue below | l.b.

* 15519 ✓ *Synallaxis gujanensis certimata* ♀ 161
brown | b, leaden blue below | pale blue below

15520 ✓ " " " ♂ 167

** 15521 ✓ *Thripophaga f. fusiceps* ♀ 190
pale gray | black with, flesh below | yellow olive

15522 ✓ " " " ♀ 185

15523 ✓ " " " (T.E.) ♂ 189

15524 ✓ " " " ♀ 189

* 15525 ✓ *Furnarius leucopus torridus* ♀ 194
red brown | flesh, blackish (mostly) above | flesh
35-9

35-9

X

15526 ✓ *Sittasomus griseicapillus* ♀ 163
brown (do, leaden blue below) leaden

15527 ✓ *Gallirex porphyreolophus* — ♀ 229
brown (do) olive

15528 ✓ *Pachyrhynchus polychopterus spixi* ♀ 158
brown (blackish, flesh below) leaden

15529 ✓ *Heledytes unicolor* ♂ 212
pale grey (do) blackish brown (do) brown blue

15530 ✓ " " " ♀ 202

15531 ✓ " " " ♂ 216

* 15532 ✓ *Cyanocorax chrysops* ♂ 362
yellow (do) do

15533 ✓ " " " ♂ 362

15534 ✓ *Hypocnemoides maculicauda* ♀ 136
blue grey (do, leaden blue below) do

15535 *Basilornis auricapillus viridescens* ♀ 130
brown (blackish) brown (do) below (yellow, blue)

15536 ✓ *Craspodopsis (Bradfill)* ♂ 158
grey (do, flesh below) leaden

15537 ✓ *Pipra fasciicauda* ♂ 119
purple (do) leaden blue (do) below, red black (do) leaden

15538 " " " ♂ 123

36-9

36-9

X

[91]

15539 *Chloroniopsis leucolaemus acutirostris* ♀ 212
 brown | black, horn blue below | blue
 brown | black, horn blue below | black

15540 *Cacicus cela* ♂ 285
 blue | pale pea green | blue

15541 *Amazona farinosa inornata* ♀ 428
 orange brown | pale blue | blue, yellow patch at base
 on each wing | dark olive

[115] ✓
 15542 *Ara chloroptera* ♂ 870
 yellow | white, black below | black

(33) ✓
 15543 *Cebus* 765-376-114-46 ♀

(34) ✓
 15544 " 622-343-97-37 ♀ fair

[32] ✓
 15545 Big Squirrel 512-250-63-30 ♂

Boca Chica, Aug 25

Wife stayed in to fix numbers & scrap book. But I
 followed Rio Chica, about up along shore (bundles of stalks
 like this in "small" grass), then into forest back of hunting
 camp. Back at 12 30.

* [118] ✓
 15546 *Rhynchosops nigrescens cinerascens* ♂ 492
 brown | yellow (rump barely, black apically) | scarlet

* 15547 *Phaethornis simplex chloroleuca* ♂ 410
 brown | yellow | greenish yellow

15548 ✓ " " " " ♀ 390

38-9 [119] ✓
 15549 " " " " ♀ 382

15550 *Trogonorus variegatus boliviensis* ♀ 254
brown black, leaden blue | leaden

* 15551 ✓ *Nymphaea m. menriesii* ♂ 100
brown | t., leaden blue & tan | l.b.

15552 ✓ " " " " ♀ 102
— | t., leaden blue below | —

* 15553 *Formicivora rufa rostrata* ♂ 144
brown | t., l.b.

15554 ✓ " " " " ♀ 140
— | t., leaden blue below | leaden

15555 ✓ *Nymphaea atrata* ♀ 154
brown | t., leaden blue | leaden blue

** 15556 ✓ *Nymphaea hemiteca* ♂ 180
brown | black | leaden

15557 ✓ " " " " ♀ 168
— | t., pale leaden blue below | —

** 15558 ✓ "Flycatcher" ♀ 118
brown | t., pale leaden | black

15559 ✓ *Basilostomus* — ♀ 133
brown | t., dark brown below | brownish yellow

* 15560 ✓ *Idioptilus rothschildi albopictus* (T.E) ♂ 127
brown | t., pinkish tan below | leaden

43-11

[92]

**

15561 *Sayornis nigricans*

♂ 170

pale hazel | blackish, white throat below | olive

15562 ✓

"

"

(3) 169

15563 ✓ *Thamnophilus doliatus*

♂ 167

yellow | b, leaden blue below | b.b.

15564 ✓

"

"

"

♀ 175

+ 15565 ✓ *Fluvicola pica albiventris*

♀ 136

brown | black | b,

15566 ✓ "

"

"

♂ 142

15567 ✓ *Pyrocephalus r. rubineus*

♀ 137

brown | b | b.

* 1 ✓

15568 *Coracopsis occulta*

♂ 146

brown | b, black, black forehead | blackish brown

(*Casuarina rufa*?)

15569 Brown Cobaya, pale yellow belly

♂ 185

brown | pale yellow, black epicanthus | b

15570 ✓ *Saltator maximes*

♀ 218

brown | b, leaden blue, below, tip black | leaden brown

* 15571 ✓ *Picumnus albogularis*

♂ 102

brown | b, brown blue below throat | leaden blue

15572 ✓ "

"

♀ 105

15573 " " "

"

juv? 104

brown | olive, ridge black

47-12

47-12

X

15574 *Tolmomyias sulphurescens assimilis* ♂ 142
gray brown (t, flanks below) leaden blue

15575 *Chlorocerys leucostoma australis* ♀ 214
brown (black, brown blue below basally) blue

Boca Chaparé, Aug 26

Went down river, took the 2 Parana & Rail
Bots & down across the Rio Chico. I walked
the ditch in the "Yanacocha" grass & Bots went
up river to find. Back at 12 o'clock.

15576 *Myioisches t. tuberculifer* ♂ 183
brown (t) blue

15577 *Myioisches pilosum f. cecuus* ♂ 210
brown (t) blue

[116] 15578 *Pipile cumanensis grayi* ♀ 100
brown blue white (mostly, whitish) pink blue
throat white, blue along sides.

[117] 15579 " " " ♀ 215

15580 *Thalurania furcata tschudii* ♂ 115
brown (t)

15581 " " " ♂ 115

15582 *Todirostrum l. latirostre* ♂ 112
brown (t) pale bluish flesh

* 15583 *Syndactylus albescens australis* (?) 160
gray (t, bluish flesh below) dull blue

48-12

48-12

X

[93]

15584 ✓ *Synallaxis albescens australis*

♂ 157

15585

"

"

✓

♂ 157

15586 ✓ *Formicivora rufa rofatra*

♂ 155

brown t, leaden

15587 ✓

"

"

"

♂ 153

15588 ✓

"

"

"

♀ 145

b, leaden blue below

15589 ✓

"

"

"

♀ 148

15590 *Hypocnemoides maculicauda*

♂ 132

blue-gray t, t, leaden below t, leaden blue

15591 ✓

"

"

♀ 133

t, leaden blue below

15592 ✓

♂ 178

brown t, black t, leaden blue

15593 ✓

(T.E) ♂ 172

brown t, leaden blue below t, t.

15594 ✓

"

"

"

♀ 155

15595 ✓

♂ 192

red t, black t, blackish brown

15596 ✓

♀ 136

brown t, flesh below dusky t, dusky brown

48-12

♀ 128

brown t, leaden below dusky brown

48-12

X

✓ 15598 *Trochocercus musculus* [grey?] (3) 124

(Vandatail coverts spotted with black & white)

brown (b) black with white (dusky brown)

✓ 15599 *Picumnus albospilogaster* ♀ 100

brown (b), dusky blue at base & below) lavender blue

15600 " " ♀ 105

** 15601 ✓ *Entomodestes striaticeps* [No!] ♂ 160

brown (b), dusky blue below brown (b),

✓ 15602 *Muscisaxicola fluvialis* ♂ 160

brown (b), dusky blue below at base (b),

✓ 15603 *Hramides cajanea* ♂ 415

red (yellownish brown) brown (b), olive green (brown) (purple)

✓ 15604 *Pionus menstruus* ♂ 292

brown (b) black, red spot on each side (dusky olive)

✓ 15605 " " (T.E.) ♂ 265

✓ 15606 *Pitangus sulphuratus maximiliani* ♀ 235

brown (b) (b)

✓ 15607 *Turdus f. fumigatus* ♂ 238

brown (b) blackish brown

49-13

49-13)

[94]

Boca Chapare, Aug 27

Fair clear day, but with strong wind from about 9:30 on. Birds went far up River, back down & I went in to boat & far up along shore to where it turns north, but found little game. We were all looking for Crax solitaria, Psophia leucotis & Tinamou serratus, all known to be here, but we all failed to get any of them. Mike got nothing. I got 7th Columbia & 5 Crancolena. Bert got the balance. We got in at 12:30.

15608 ✓ *Colombia subvinacea* ♀ 325

gray | b) frequent blotch

15609 ✓ *Big Sowbelly* 510-260-63-31 - ♀

15610 ✓ *Oreopeltis montana* ♂ 242

gray) purplish red, tip brown \ purple tibial

* 15611 ✓ *Euryptuga h. helias* ♂ 495

ad. brown \ b, brownish yellow below \ brownish yellow

15612 ✓ *Ortalis guttata subaffinis* ♂ 490

brown | leaden, pale below | leaden brown

** 15613 ✓ *Dromococcyx phasianellus* ♀ 385

brown b, black flesh below | leaden brown

15614 ✓ *Furnarius a. analis* ♀ 207

brown) b) pale brown

** 15615 ✓ *Craniolouca* (?) ♀ 147

gray) blackish brown, flesh below, tip dull yellowish orange

54-15

54-15

15616* *Cratogeomys*

♂ 162

15617 ✓ "

"

♀ 47

15618 ✓ "

♂ 162

15619 ✓ "

♀ 154

(no species)

Boca Chapa, Aug 28

The launch was supposed to arrive today, so we did not go shooting. In forenoon, I sorted my labels & file the traps labelled & wrapped the specimens. After lunch I posted up all the birds on cards & then we went driving in river for fish, in the shallows around the big sand bar at mouth of river. Found quite a few species different from Toda Ganta.

Day partly cloudy, with a slight shower about 4 P.M. Launch did not arrive, either from above or below.

Boca Chapa, Aug 29.

Morning cloudy & threatening rain, with thunder in the north. Nevertheless we all went shooting. Best up river, 1 mile down & 3 in to lagoon. It rained a little, then broke up, with cool north wind. I returned at 11, with 4 monkeys, *Odontothrius*, *Gymnoderus*, *Oriocetes* & 5 small birds. Shot & lost a deer head, probably a *Notocervus*, also saw a *Tamandua*, an Agouti & a "Badger", also traps of Yellow monkeys.

54-15

[95]

[36] ✓

15620 Rat (Big Peromyscus) 282-144-28-16-♂15621 Thamnophilus sischistaceus ♀ 152
gray (b. leaden blue below) l.b.15622 Taraba rufi-major ♂ 218
carmine (b.) l.b.15623 ✓ " " " ♀ 212
— (b. leaden blue below) —15624 Habia rubica amabilis ♀ 182
brown (black, tip dusky yellow) yellowish brown15625 Attila b. boliviensis ♀ 215
yellow (b. dusky brown) l.b.15626 ✓ Odontophorus marmoratus ♂ 280
brown (b.) leaden15627 ✓ Gymnoderus foetidus ♀ 350
gray-blue (leaden blue laterally, black apically) leaden15628 ✓ Curucujos m. melanurus ♂ 326
brown (cudpid pink) bill yellow dirty brown

[37] ✓

15629 Small Headed Monkey 736-417-93-31-♂

[38]

15630 ✓ " " " 648-358-85-29-♀

[39]

15631 ✓ " " " 667-377-83-29-♂

[40]

15632 ✓ " " " 600-342-79-33-♀

54-15

54-15

[41]

15633 Nocturnal Monkey 657-333-102-36 ♀

15634 Colleus (= Tod. Sant. Yellow spec.) ♂ 273
dark red \ yellow, olivaceous (rarely) leaden15635 Dendrocopos certus polyzonus ♀ 280
brown \ pale blueish horn, blackish at base above | leaden

15636 " " " (T.E.) ♂ 295

15637 Dendrocopos fuliginosa striostriis ♂ 231
brown \ blackish, pale horn across middle below | leaden

15638 " " " " ♂ 228

56-16	Total Skins	Additional		Mammals
		species	Coll.	
Toda Santo	1643	404	88	40
Boca Chapare	291	56	16	22
	1934	460	104	62

107 species of birds taken at Boca Chapare

(91 species taken at Toda Santo, ~~not~~ taken at Boca Chapare)

(43 " " " Boca Chapare, also taken at Toda Santo)

{ 8 " " " " " " " at Patumay)

Boca Chapare, Aug. 30

Packed up today. Tomorrow we leave for Toda Santo

Aug. 31 to Sept 6.

Left Boca Chapare morning of 31st. & reached
Toda Santo at 1 P.M. on Sept. 6th.Travelled in large canoe, with 6 paddlers &
steersman, all Yuracar Indians. Canoe weathered
all way, except a shower night of Sept 2nd &
heavy rain night of Sept 5th (at Mission San ant.)